SOUTHERN PACIFIC COMPANY

(PACIFIC SYSTEM.)

TIME TABLE

99

FOR THE

SACRAMENTO DIVISION

To Take Effect Sunday, September 5, 1915, at 12:01 A. M.

PACIFIC STANDARD TIME (120th MERIDIAN)

For the government and information of employes only, and not intended for the use of the public.
The Company reserves the right to vary from this time-table at pleasure.

W. R. SCOTT,
Vice-President and General Manager.

D. W. CAMPBELL,
Assistant General Manager.

G. F. RICHARDSON,
Superintendent of Transportation.

Eastward.

FROM SAN FRANCISCO

Length of sidings in cars, and location of Scales, Fuel, Water, Turning Stations and Interlocking Plants.	THIRD CLASS						SECOND CLASS	FIRST CLASS													Distance from San Francisco	Time Table No. 99 September 5, 1915
	288	254	256	308	222	306	548		6	48	2	10	34	32	20	24	22	210	54	16		
	Stockton Freight	Ogden Manifest	Sunset Manifest	Way Freight	Portland Fast Freight	Way Freight	Chico and Willows **MOTOR**		Atlantic Express	El Dorado	Overland Limited	San Francisco Limited	Colfax Passenger	Red Bluff Passenger	Pacific Limited	Tonopah Express	The Statesman	The Newsboy	Sound Special	Oregon Express		
	Leave Daily	Leave Daily	Leave Daily	Lv. Monday Wednesday and Friday	Leave Daily	Leave Daily Ex. Sunday	Leave Daily		Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily		**STATIONS**
Term Yard WFTYOP					6.40AM		8.30AM		10.55PM	8.20PM	7.15PM	5.50PM	4.35PM	4.05PM	1.45PM	12.50PM	11.30AM	7.25AM	3.25AM	12.25AM	88.8	DNR **SACRAMENTO**
Yard IY	10.05AM	9.30AM	9.00AM		6.55		f 8.40		11.05	8.30	7.25	6.00	4.45	f 4.15	1.55	1.00	f 11.40	f 7.35	3.35	12.35	91.8	3.0 **ELVAS**
88							f 8.46		11.10	8.36	7.30	6.05	4.50	f 4.20	2.00	1.05	f 11.46	f 7.40	3.40	12.40	94.9	3.1 BENALI
10 Spur							f							f			f	f			99.4	4.5 WALERGA
60							f 9.00		11.20	8.47	7.40	6.15	5.00	f 4.32	2.10	1.15	f 11.56AM	f 7.50	3.50	12.50	102.8	3.4 ANTELOPE
Term Yard TWFPYO	11.45AM	10.15AM 12.30PM	10.00AM		7.45AM	4.00AM	s 9.10AM		s 11.28 11.31	s 8.55PM	7.48 7.51	s 6.23 6.26	s 5.10	s 4.40PM	s 2.18 2.21	s 1.23 1.26	s 12.05PM	s 7.58	s 3.58AM	s 12.58AM	106.5	3.7 DN **ROSEVILLE**
Yard						4.15			s 11.38		7.58	6.33	s 5.18		2.30	s 1.35		s 8.08			110.6	4.1 ROCKLIN
73						See Page 3.			f 11.49PM		8.07	6.45	See page 3.		2.43	See page 3.		See page 3.			115.2	4.6 LINCOLN AV.,PENRYN
87 W						7.20			s 12.10AM		8.16	s 6.57	s 5.48		2.56	s 2.09		s 8.40			120.2	5.0 DN NEWCASTLE
86 W						7.50			f 12.30		8.24	s 7.09	s 6.01		3.07	s 2.23		s 8.50			124.2	4.0 AUBURN, NEVADA ST.
76						8.20			12.44		8.33	7.19	f 6.11		3.20	f 2.34		f 9.01			129.1	4.9 DN BOWMAN
No Siding						8.50			12.52		8.38	7.25	f 6.20		3.28	f 2.41		f 9.10			131.4	2.3 CLIPPER GAP
83 W						9.05			1.00		8.45	7.31	f 6.29		3.35	f 2.49		f 9.20			134.3	2.9 APPLEGATE
82						**9.30**			1.09		8.51	7.37	f 6.35		3.44	f 2.58		f **9.30**			137.3	3.0 N. E. MILLS
No Siding						9.50			1.15		8.55	7.41	f 6.40		3.48	3.03		f 9.35			139.0	1.7 LANDER
Yard PYW		3.20		7.00AM		10.00AM			s 1.40		s 9.07	s 8.00	s 6.50PM		s 3.57	s 3.20		s 9.45AM			141.7 142.4	2.7 DNR **COLFAX**
50				7.30					2.00		9.22	8.15			4.10	f 3.38					146.9	4.5 CAPE HORN
No Siding																f					149.6	2.7 MAGRA
80 WFY		4.32		8.15					s 2.40		9.40	8.45			**4.32**	f 4.10					153.2	3.6 DN GOLD RUN
6 Spur				8.40					f 2.50		9.45	f 8.52			4.38	f 4.17					155.2	2.0 DUTCH FLAT
4 Spur																f					157.1	1.9 ALTA
5 W Spur				9.00					3.00		9.52	9.00			4.48	f 4.24					157.8	0.7 D TOWLE
5 Spur				9.15					3.08		9.58	9.05			4.56	f 4.31					159.7	1.9 GORGE
80				9.30					3.15		10.05	9.11			5.02	f 4.38					161.8	2.1 MIDAS
10 W Spur				9.50					3.28		10.11	9.17			5.10	f 4.45					164.1	2.3 **FOREBAY**
60 PTW		6.15PM		10.10AM					s 3.40AM		10.20PM	s 9.30PM			5.20PM	s 4.55PM					166.6	2.5 DN **BLUE CANON**
	Arrive Daily	Arrive Daily	Arrive Daily	Ar. Monday Wednesday and Friday	Arrive Daily	Arrive Daily Ex. Sunday	Arrive Daily		Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily		(77.8)
	(1.40)	(8.45)	(1.00)	(3.10)	(1.05)	(6.00)	(0.40)		(4.45)	(0.35)	(3.05)	(3.40)	(2.15)	(0.35)	(3.35)	(4.05)	(0.35)	(2.20)	(0.33)	(0.33)		................Time over District
	8.88	11.97	14.80	7.12	16.44	5.85	26.55		16.55	30.51	25.65	22.18	23.28	30.51	22.01	19.46	30.51	22.68	29.37	29.37		................Average speed per hour

Automatic Block

Double Track (No. 2)

Track No. 4 between Rocklin and Loomis will be used exclusively by Nos. 210, 24, 34 and 306; other trains only when authorized by train order.

ADDITIONAL STOPS ON SIGNAL

- No. 210, Hagin.
- Nos. 6, 10 and 20 stations west of Colfax to receive passengers for points east of Ogden.
- No. 2 stations west of Colfax to receive passengers for points Cheyenne and east.
- Nos. 24 and 34 stations between Sacramento and Roseville to discharge passengers from points west of Sacramento.

Eastward

FROM SAN FRANCISCO

TOWARD SAN FRANCISCO

Westward.

Time Table No. 99

September 5, 1915

Automatic Block

Double Track (No. 1)

306 Way Freight	34 Colfax Passenger	24 Tonopah Express	210 The Newsboy	STATIONS	Distance from Blue Canon	FIRST CLASS 23 Tonopah Express	19 Pacific Limited	1 Overland Limited	47 El Dorado	15 California Express	33 Sacramento Passenger	9 Fast Mail	21 The Statesman	5 San Francisco Limited	209 Mountain Express
Leave Daily Ex. Sunday	Leave Daily	Leave Daily	Leave Daily			Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily
				DNR **SACRAMENTO** 3.0	77.8	s 4.10AM	s 5.50AM	s 6.40AM	s 8.05AM	s 9.05AM	s 9.45AM	s 11.00AM	s 3.00PM	s 5.00PM	s **6.15PM**
				ELVAS 3.1	74.8	4.00	5.40	6.30	7.55	8.55	f 9.35	10.50	f 2.50	4.50	f 6.05
				BENALI 4.5	71.7	3.53	5.34	6.22	7.50	8.47	f 9.28	10.45	f 2.41	4.44	f 5.58
				WALERGA 3.4	67.2						f		f		f
				ANTELOPE 3.7	63.8	3.40	5.23	6.13	7.40	8.36	s 9.18	10.37	f 2.30	4.33	f 5.48
				DN **ROSEVILLE** 4.1	60.1 59.9	s 3.32	5.15	6.05	s 7.32AM	s 8.28AM	s 9.10	s 10.30	s 2.20PM	s 4.25	s **5.40**
4.30AM	s 5.18PM	s 1.35PM	s 8.08AM	ROCKLIN 3.3	55.8	f 3.15	5.01	5.52			s 9.00	10.15		4.10	s 5.30
4.50 5.50	s 5.28	s 1.48	s 8.17	D LOOMIS 2.7	52.5	f 3.05	4.54	5.45			s 8.53	10.08		4.03	s 5.20
6.05 6.30	s 5.37	s 1.58	s 8.30	D PENRYN 2.9	49.8	f 2.57	4.49	5.38			s 8.47	10.02		3.56	s 5.10
6.50AM	s 5.48PM	s 2.09PM	s 8.40AM	DN NEWCASTLE 2.0	46.9	s 2.47	4.42	5.31			s 8.40	9.55		3.48	s 5.00
				ZETA 2.1	44.9	f 2.37	4.37	5.25			f 8.33	9.48		3.40	f 4.46
				FLINT 0.9	42.8										
				D AUBURN 3.1	41.9	s 2.28	4.30	5.18			s 8.27	f 9.41		s 3.34	s 4.40
				DN BOWMAN 3.4	38.8	f 2.16	4.23	5.11			f 8.15	9.34		3.25	f 4.30
				CLIPPER GAP 3.0	35.4	f 2.06	4.16	5.03			f 8.10	9.27		3.15	f 4.24
				APPLEGATE 3.2	32.4	f 1.57	4.10	4.57			f 8.04	9.21		3.07	f 4.18
				N. E. MILLS 2.0	29.2	f 1.47	4.03	4.50			f 7.57	9.15		2.59	f 4.12
				LANDER 3.0	27.2	f 1.40	3.58	4.45			f 7.52	9.11		2.54	f 4.07
				DNR **COLFAX** 4.5	24.2	s 1.30	s 3.50	s 4.38			7.45AM	s **9.05**		s 2.45	4.00PM
				CAPE HORN 2.7	19.7	f 1.12	3.30	4.23				8.43		2.24	
				MAGRA 3.6	17.0	f								f	
				DN GOLD RUN 2.0	13.4	f 12.53	3.14	4.08				8.28		f 2.05	
				DUTCH FLAT 1.9	11.4	f 12.47	3.08	4.03				8.23		f 1.56	
				ALTA 0.7	9.5	f								f	
				D TOWLE 1.9	8.8	f 12.40	3.02	3.57				8.14		f 1.49	
				GORGE 2.1	6.9	f 12.34	2.58	3.52				8.09		f 1.43	
				MIDAS 2.3	4.8	f 12.28	2.53	3.47				8.04		f 1.37	
				FOREBAY 2.5	2.5	f 12.21	2.45	3.41				7.58		f 1.29	
				DN **BLUE CANON**	0.0	12.13AM	2.35AM	3.35AM				7.52AM		**1.20PM**	
Arrive Daily Ex. Sunday	Arrive Daily	Arrive Daily	Arrive Daily	(77.8)		Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily
				Time over District		(3.57)	(3.15)	(3.05)	(0.33)	(0.37)	(2.00)	(3.08)	(0.40)	(3.40)	(2.15)
				Average speed per hour		20.94	23.94	25.19	32.36	28.87	26.80	24.68	26.55	21.21	23.89

STATIONS	SECOND CLASS 547 Sacramento MOTOR	THIRD CLASS 257 Sunset Manifest	305 Way Freight	253 Ogden Manifest	307 Way Freight	221 Portland Fast Freight	Length of sidings in cars, and location of Scales, Fuel, Water, Turning Stations and Interlocking Plants.
	Arrive Daily	Arrive Daily	Arrive Daily Ex. Sunday	Arrive Daily	Ar. Tuesday, Thursday, and Saturday	Arrive Daily	
DNR **SACRAMENTO**	s **6.25PM**					7.00PM	Term. Yard WFTYOP
ELVAS	6.15	1.00AM		3.25PM		6.45	IY Yard
BENALI	6.08						89
WALERGA							No Siding
ANTELOPE	5.58						60
DN **ROSEVILLE**	s **5.50PM**	12.10AM	4.00PM	2.50 1.45		**6.00PM**	Term. Yard TWFPYO
ROCKLIN			3.40				Yard
D LOOMIS			3.10				60
D PENRYN			1.58				55
DN NEWCASTLE			1.30				W 73
ZETA			12.45				57
FLINT							73
D AUBURN			**12.15PM**	12.15PM			W 56
DN BOWMAN			10.15AM				73
CLIPPER GAP							70
APPLEGATE							Spur 55
N. E. MILLS							Spur 55
LANDER							Spur 64
DNR **COLFAX**			**9.10AM**	11.00AM	4.30PM		PYW Yard
CAPE HORN					3.40		50
MAGRA							Spur 5
DN GOLD RUN					3.10		WFY 80
DUTCH FLAT					2.30		Spur 6
ALTA							Spur 4
D TOWLE					2.15		W Spur 5
GORGE					2.10		Spur 5
MIDAS					2.00		80
FOREBAY					1.45		W Spur 10
DN **BLUE CANON**				8.40AM	**1.30PM**		PTW 60
	Leave Daily	Leave Daily	Leave Daily Ex. Sunday	Leave Daily	Lv. Tuesday, Thursday, and Saturday	Leave Daily	
Time over District	(0.35)	(0.50)	(6.50)	(6.45)	(3.00)	(1.00)	
Average speed per hour	30.51	22.48	5.81	13.20	8.07	17.70	

The above schedules are shown only for information and have no time table superiority between Loomis and Newcastle, but will be known by their numbers and handled only by train orders between Loomis and Newcastle.

Westward trains receiving orders east of Newcastle moving an eastward train from Loomis to Newcastle against them, must not pass east cross-over switch at Newcastle until opposing trains on Track No. 1 have arrived.

Westward trains must stop east of east cross-over switch at Newcastle unless they receive a proceed train-order signal.

Westward trains, receiving orders east of Bowman, moving an eastward train to Bowman against them on track No. 1, must not pass cross-over switch at Bowman until opposing train has arrived at that point, and if train order signal at Bowman is in "Stop" position westward trains must not pass cross-over switch until train order signal has been placed in "Proceed" position or a clearance obtained.

Nos. 210, 24, 34 and 306 will use track No. 4 Rocklin to Loomis.

ADDITIONAL STOPS ON SIGNAL.

- No. 547, stations between Roseville and Sacramento to discharge passengers from points east of Roseville.
- No. 23, stations between Roseville and Sacramento to discharge passengers from points east of Colfax.
- No. 209, Hagin.
- Nos. 5 and 19, stations west of Colfax to discharge passengers from points east of Ogden.
- No. 1, stations west of Colfax to discharge passengers from points Cheyenne and east.
- Nos. 9 and 5 Newcastle, Penryn and Loomis to receive passengers for Roseville and north, and Sacramento and west.

Eastward.

FROM SAN FRANCISCO

Time Table No. 99
September 5, 1915

Length of sidings in cars, and location of Scales, Fuel, Water, Turning Stations and Interlocking Plants.	THIRD CLASS			SECOND CLASS		FIRST CLASS					Distance from San Francisco		STATIONS
	254	308	310	558	556	2	10	20	24	6			Time Table No. 99 September 5, 1915
	Ogden Manifest	Way Freight	Way Freight	Fishermen's MOTOR	Fishermen's MOTOR	Overland Limited	San Francisco Limited	Pacific Limited	Tonopah Express	Atlantic Express			
	Leave Daily	Lv. Monday Wednesday and Friday	Leave Daily Ex. Sunday	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily			
60 PTW	6.30PM	10.50AM				10.25PM	9.35PM	5.25PM	5.00PM	3.45AM	166.6	Staff System	DN **BLUE CANON** 3.1
73		11.10				10.35	9.47	5.38	f 5.12	4.00	169.7		FULDA 2.1
68 PT		11.30				10.41	9.53	5.45	f 5.19	4.09	171.8		D EMIGRANT GAP 1.5
51		11.55AM				10.45	9.59	5.50	f 5.27	4.15	173.3		DN **SMART** 2.8
54		12.15PM				10.53	10.08	6.00	f 5.34	4.28	176.1		YUBA PASS 2.2
51 W		12.45				11.00	10.20	6.11	f 5.42	4.38	178.3		CRYSTAL LAKE 2.0
49 W		1.05				11.05	10.28	6.19	s 5.49	f 4.48	180.3		DN CISCO 3.5
53		1.30				11.17	10.40	6.30	6.01	5.03	183.8		TAMARACK 2.0
50 W		1.50				11.22	10.47	6.36	f 6.08	5.13	185.8		DN TROY 2.1
59		2.10				11.28	10.54	6.43	f 6.15	5.22	187.9		SPRUCE 2.8
47		2.30				11.37	11.06	6.52	f 6.25	5.35	190.7		SODA SPRINGS 2.3
128 PTW		3.05				11.48	11.18	7.03	s 6.37	s 5.50	193.0		DN SUMMIT 3.2
54		3.20				11.57PM	11.29	7.12	f 6.48	6.01	196.2		LAKE VIEW 2.0
60		3.35				12.03AM	11.36	7.17	6.54	6.07	198.2		EDER 2.4
57 T	10.00	3.50				12.08	11.44	7.23	f 7.01	6.20	200.6		DN ANDOVER 2.1
13 W (Spur)											202.7		* STANFORD 0.9
20 (Spur)											203.6		* ARCTIC 0.5
49		4.10				12.15	11.55PM	7.32	f 7.13	f 6.33	204.1		CHAMPION 2.2
60 (Spur)											206.3		* DONNER 1.7
Term. Yard PWTYOF	11.45PM	4.30PM	5.00AM	7.10PM	11.20AM	s 12.25	s 12.15AM	s 7.45	¶ 7.30 7.50	s 6.50	208.0		DNR **TRUCKEE** 3.1
48 (Spur)					f				f		211.1	Automatic Block; Double track (No. 2)	* POLARIS 3.9
53 (Spur)				7.28	f 11.40	12.40	12.30	7.58	f 8.09	7.08	215.0		*PROSSER CREEK 1.3
20 W			6.00	s 7.33	s 11.45	12.43	12.33	8.01	s 8.14	s 7.12	216.3		D **BOCA** 1.8
80	12.30AM 12.55			7.36	f 11.49AM	12.46	12.37	8.04	8.18	7.16	218.1		HINTON 0.9
8 (Spur)					f						219.0		*BURCKHALTER 1.9
31 (Spur)					f				f		220.9		* ICELAND 0.6
34 (Spur)					f						221.5		* WICKES 0.9
75 W			6.30	s 7.46	s 12.02PM	12.55	12.47	8.13	s 8.28	s 7.26	222.4		DN FLORISTON 3.1
20 W (Spur)				7.51	f 12.08	1.02	12.55	8.19	f 8.35	7.32	225.5		MYSTIC 3.0
No Siding W				7.58	f 12.15	1.08	1.02	8.25	f 8.42	7.38	228.5		CALVADA 3.9
100			7.48	s 8.07	s 12.25	1.15	1.10 1.20	8.32	s 8.51	s 7.48	232.4		DN **VERDI** 2.3
65					f						234.7		WARE 1.1
15 (Spur)					f				f		235.8		MOGUL 2.0
6 W (Spur)				8.20	f 12.40	1.25	1.37	8.42	9.05	8.00	237.9		LAWTON 5.0
Yard OP	3.10		8.45	s 8.35	s 12.55	s 1.45	s 2.00	s 9.05	s 9.30	s 8.25	242.9		**RENO** 2.6
Yard				s 8.45	s 1.05	1.50	2.05	9.10	s 9.40	s 8.30	245.5		SPARKS (Passenger Depot) 0.7
Term. Yard FWTOP	3.30AM		9.00AM	s 8.50PM	s 1.10PM	1.55AM	s 2.10AM	9.15PM	s 9.45PM	s 8.40AM	246.2		DNR **SPARKS** (Dsprs Office)
	Arrive Daily	Ar. Monday Wednesday and Friday	Arrive Daily Ex. Sunday	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily			(79.6)
	(9.00) 9.36	(5.40) 7.11	(4.00) 9.50	(1.40) 22.92	(1.50) 20.84	(3.30) 22.74	(3.35) 23.30	(3.50) 20.76	(4.45) 18.03	(4.55) 16.19			..............Time over district ....Average speed per hour

On single track westward trains are superior to trains of the same class in the opposite direction. See Rule 72 and D72.

*Frog taken out part of season.
Siding at Ware on eastward track only.
Burckhalter Spur on eastward track only.
Water tank Mystic and Lawton on westward track only.

On double track between Sparks and Truckee, trains keep to the left. Westward trains use track No. 1, Eastward trains track No. 2. Signals used by trackmen on this double track will be placed on left, or fireman's side of track.

ADDITIONAL STOPS ON SIGNAL	
	Nos. 24, 556 and 558 Union Mills. Farad, Fleish and Lawton Springs.
	No. 6 Union Mills, Lawton Springs.
	No. 24 Summit Hotel.

TOWARD SAN FRANCISCO.

Westward.

Time Table No. 99

September 5, 1915

			Distance from Sparks	FIRST CLASS					SECOND CLASS		THIRD CLASS		
				1	9	5	23	19	555	557	307	309	253
				Overland Limited	Fast Mail	San Francisco Limited	Tonopah Express	Pacific Limited	Fishermen's MOTOR	Fishermen's MOTOR	Way Freight	Way Freight	Ogden Manifest
		STATIONS		Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Ar. Tuesday Thursday and Saturday	Arrive Daily Ex. Sunday	Arrive Daily
Staff System	DN	**BLUE CANON** 3.1	79.6	3.30AM	s 7.47AM	s 1.15PM	s 12.08AM	s 2.30AM			12.35PM		8.30AM
		FULDA 2.1	76.5	3.23	7.40	1.07	f 11.58PM	2.20			12.20		
	D	EMIGRANT GAP 1.5	74.4	3.18	7.35	f 1.01	s 11.52	2.14			12.05PM		
	DN	**SMART** 2.8	72.9	3.15	7.32	f 12.57	f 11.47	2.11			11.55AM		
		YUBA PASS 2.2	70.1	3.08	7.25	12.50	f 11.39	2.04			11.00		
		CRYSTAL LAKE 2.0	67.9	3.03	**7.20**	**12.45**	f 11.33	1.58			10.40		**7.20**
	DN	CISCO 3.5	65.9	2.56	7.13	f 12.39	s 11.27	1.51			10.25		
		TAMARACK 2.0	62.4	2.46	7.03	12.28	f **11.17**	1.41			10.05		
	DN	TROY 2.1	60.4	2.40	6.57	12.22	f 11.06	1.35			9.45		
		SPRUCE 2.8	58.3	2.35	6.52	12.16	f **10.54**	1.29			9.30		
		SODA SPRINGS 2.3	55.5	2.29	6.46	12.07PM	f 10.41	1.22			9.15		**5.35**
	DN	SUMMIT 3.2	53.2	2.23	6.40	f 11.59AM	s 10.30	1.15			9.00		
		LAKE VIEW 2.0	50.0	2.11	6.31	11.45	f 10.15	1.02			8.10		
		EDER 2.4	48.0	2.05	6.26	11.38	f 10.08	12.55			7.55		
	DN	ANDOVER 2.1	45.6	2.00	**6.20**	11.30	f **10.00**	12.47			7.40		
		*STANFORD 0.9	43.5										
		*ARCTIC 0.5	42.6										
		CHAMPION 2.2	42.1	1.52	6.12	11.18	f 9.48	12.37			7.20		
		*DONNER 1.7	39.9										
Automatic Block; Double Track (No. 1)	DNR	**TRUCKEE** 3.1	38.2 38.0	s 1.40	s 6.00	s 11.05	s 9.35	s **12.25**	s 8.10AM	s 4.50PM	**7.00AM**	1.30PM	3.15
		*POLARIS 3.9	34.9				f		f	f			
		*PROSSER CREEK 1.3	31.0	1.17	5.42	10.37	f 9.10	12.01AM	f 7.46	f 4.26			
	D	**BOCA** 1.8	29.7	1.14	5.38	s 10.33	s 9.06	11.57PM	s 7.42	s 4.22		12.40PM	
		HINTON 0.9	27.9	1.11	5.34	10.29	9.00	11.53	f 7.37	f 4.17			
		*BURCKHALTER 1.9	27.0						f	f			
		*ICELAND 0.6	25.1				f		f	f			
		*WICKES 0.9	24.5						f	f			
	DN	FLORISTON 3.1	23.6	1.05	5.28	s 10.18	s 8.50	11.42	s 7.23	s 4.05		11.50AM	
		MYSTIC 3.0	20.6	1.00	5.23	10.08	f 8.40	11.35	f 7.13	f 3.53			
		CALVADA 3.9	17.6	12.55	5.17	10.01	8.34	11.28	f 7.06	f 3.46			
	D	**VERDI** 2.3	13.7	**12.48**	5.10	s 9.52	s 8.26	11.20	s 6.58	s 3.38		11.00	**12.48AM**
		WARE 1.1	11.4						f	f			
		MOGUL 2.0	10.3				f		f	f			
		LAWTON 5.0	8.3	12.38	5.00	9.33	8.12	11.07	f 6.42	f 3.22			
		RENO 2.6	3.3	s 12.28	s 4.52	s 9.20	s 8.00 7.40	s 10.55	s 6.30	s 3.10		10.00	11.45PM
		SPARKS (Passenger Depot) 0.7	0.7	12.18	4.43	9.08	s 7.33	10.43	s 6.23	s 3.03			
	DNR	**SPARKS** (DsprsOffice)	0.0	12.15AM	4.40AM	9.05AM	7.30PM	10.40PM	6.20AM	3.00PM		9.30AM	11.30PM
		(79.6)		Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Lv. Tuesday Thursday and Saturday	Leave Daily Ex. Sunday	Leave Daily
		Time over District		(3.45)	(3.07)	(4.10)	(4.38)	(3.50)	(1.50)	(1.50)	(5.35)	(4.00)	(9.00)
		Average speed per hour		24.26	25.83	19.10	18.58	20.76	20.84	20.84	7.41	9.50	8.85

On single track westward trains are superior to trains of the same class in the opposite direction. See Rule 72 and D72.

*Frog taken out part of season.
Siding at Ware on eastward track only.
Burckhalter Spur on eastward track only.
Water tank Mystic and Lawton on westward track only.

On double track between Sparks and Truckee, trains keep to the left. Westward trains use track No. 1, Eastward trains track No. 2. Signals used by trackmen on this double track will be placed on left, or fireman's side of track.

ADDITIONAL STOP ON SIGNAL:
No. 23 Lawton Springs, Union Mills, Farad, Fleish and Summit Hotel.
Nos. 555 and 557 Lawton Springs, Union Mills, Farad and Fleish.

Eastward.

FROM SAN FRANCISCO

Time Table No. 99

September 5, 1915

Length of sidings in cars, and location of Scales, Fuel, Water, Turning Stations and Interlocking Plants.	THIRD CLASS			SECOND CLASS		FIRST CLASS								Distance from San Francisco		STATIONS
	222	228	230	548	546	48	14	32	12	22	30	54	16			
	Portland Fast Freight	Way Freight	Way Freight	Chico Willows MOTOR	Red Bluff MOTOR	El Dorado	Portland Express	Red Bluff Passenger	Shasta Limited	The Statesman	Red Bluff Passenger	Sound Special	Oregon Express			
	Leave Daily	Leave Daily Ex. Sunday	Leave Daily Ex. Sunday	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily			
	6.40AM			8.30AM		8.20PM	3.25PM	4.05PM	1.15PM	11.30AM	9.30AM	3.25AM	12.25AM	88.8		SACRAMENTO
Term Yard OWFPYT	1.00PM		5.30AM	9.10AM		8.55PM		4.40PM		12.10PM		4.00AM	1.00AM	106.6	DN	ROSEVILLE 6.2
49	1.20		5.50	f 9.23		9.04		f 4.52		f 12.20		4.10	1.15	112.8		WHITNEY 4.2
134 W	1.35		6.30	s 9.30		s 9.11		s 5.00		s 12.29		f 4.17	s 1.22	117.0	D	LINCOLN 1.3
34 Spur														118.3		CLAYTON 0.3
9 Spur														118.6		*AHART 2.4
38	1.53		7.10	f 9.39		9.17		f 5.07		f 12.35		4.23	1.28	121.0		EWING 3.8
32	2.15		7.51	f 9.47		f 9.22		s 5.14		s 12.43		4.29	1.34	124.8		SHERIDAN 3.3
138	2.43		8.20	s 9.54		s 9.26		s 5.20		s 12.50		f 4.34	s 1.40	128.1	D	WHEATLAND 6.1
53	3.05		8.45	f 10.06		9.36		f 5.30		f 1.02		4.44	1.50	134.2		OSTROM 6.6
Yard WOP	3.50		9.50	s 10.20 10.30		s 9.50		s 5.45		s 1.20		s 5.05	s 2.10	140.8	DN	MARYSVILLE 1.0
Yard PIY	3.55		9.55	10.32		9.53		5.48		1.23		5.08	2.14	141.8		BINNEY JUNCTION W. P. Ry. Crossing. 2.9
112	4.15		10.20	f 10.38		9.58		f 5.56		f 1.29		5.13	2.24	144.7		BERG 3.0
43	4.30		10.30	f 10.44		10.03		f 6.01		f 1.35		5.18	2.29	147.7		LOMO 2.1
8 Spur				f		f		f		f				149.8		SUNSET 1.7
54 I	4.44		10.55	s 10.55		f 10.08		s 6.08		s 1.45		f 5.24	f 2.35	151.5	D	LIVE OAK N. E. Ry. Crossing 4.4
5 Spur				f										155.9		FAGAN 2.1
120	5.05		11.55AM	s 11.08		s 10.18		s 6.22		s 1.58		s 5.35	s 2.45	158.0	DN	GRIDLEY 3.4
49 W	5.25		12.30PM	s 11.15		s 10.24		s 6.28		s 2.05		s 5.41	s 2.53	161.4	D	BIGGS 6.0
49	5.42		1.15	s 11.27		f 10.36		s 6.43		s 2.17		5.55	3.04	167.4		RICHVALE 4.1
110	5.55		1.35	f 11.37		f 10.44		s 6.51		s 2.25		6.10	3.11	171.5		NELSON 6.6
49	6.10		2.05	s 11.57AM		f 10.56		s 7.05		s 2.38		f 6.25	3.22	178.1	D	DURHAM 3.8
9 Spur				f				f		f				181.9		FAULKNER 2.3 N. E. Ry. Crossing
Yard OYW	6.40	7.00AM	2.30PM	s 12.15PM 12.25		s 11.05PM		s 7.25		s 2.55		s 6.40	s 3.40	184.2	DNR	CHICO 4.9
7 Spur	6.55	7.10		f 12.35				7.32		3.02		6.47	3.47	189.1		POND 2.2
29	7.03	7.25		f 12.40				s 7.37		s 3.07		6.51	3.51	191.3		NORD 2.3
112	7.10	7.40		f 12.45				f 7.41		f 3.12		6.55	3.56	193.6		ANITA 2.4
20	7.20	7.50		f 12.50				f 7.44		f 3.17		7.00	4.01	196.0		CANA 2.6
8 Spur	7.30	8.00		f 12.56				f 7.49		f 3.22		7.05	4.06	198.6		SOTO 4.4
49 W	7.57	8.40		s 1.04				s 7.57		s 3.28		f 7.11	s 4.13	203.0	D	VINA 1.6
15	8.10	8.50		f 1.07				8.00		3.32		7.14	4.16	204.6		COPELAND 2.5
12 Spur				f				f		f				207.1		ENSIGN 0.9
8 Spur				f				f		f				208.0		BOHEMIA 1.7
48	8.30	9.15		s 1.17				s 8.10		s 3.43		f 7.22	s 4.25	209.7	D	LOS MOLINOS 2.0
120 PWY	9.00	9.35		s 1.22PM	8.15AM		8.30PM	s 8.20	4.38PM	s 3.50	3.15PM	s 7.35	s 4.40	211.7	Automatic Block DNR	TEHAMA 3.0
250	9.20	9.47			f 8.24		8.36	f 8.26	4.43	f 3.56	f 3.22	7.41	4.50	214.7		GERBER 0.9
49	9.25	9.50			f 8.27		8.39	f 8.28	4.45	f 3.59	f 3.24	7.43	f 4.52	215.6		PROBERTA 3.3
110	9.40	10.10			f 8.35		8.45	f 8.35	4.50	f 4.05	f 3.30	7.50	5.00	218.9		RAWSON 4.5
Term Yard FWTO	10.00PM	10.25AM			s 8.45AM		s 8.55PM	s 8.45PM	5.00PM	s 4.15PM	s 3.40PM	s 8.00AM	s 5.10AM	223.4	DNR	RED BLUFF
	Arrive Daily	Arrive Daily Ex. Sunday	Arrive Daily Ex. Sunday	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily			(116.8)
Marysville Yard—See trains on page 11.	(9.00) 12.98	(3.25) 11.98	(9.00) 8.60	(4.12) 28.40	(0.30) 23.40	(2.10) 35.17	(0.25) 28.08	(4.05) 28.60	(0.22) 31.91	(4.05) 28.60	(0.25) 28.08	(4.00) 29.20	(4.10) 28.03			....................Time over District ....Average speed per hour

Time at Tehama applies at Junction Switch.

*Frog out.

ADDITIONAL STOPS ON SIGNAL.
- No. 548, Morrison and Hills Crossing.
- No. 16, to receive passengers for Portland and points beyond.
- No. 548 Nord Ave., Chico, and Second Street, Tehama.

No. 54 to receive passengers for Dunsmuir and points beyond.

Westward trains are superior to trains of the same class in the opposite direction. See Rule 72.

	Time Table No. 99 September 5, 1915 STATIONS	Distance from Red Bluff	FIRST CLASS								SECOND CLASS	THIRD CLASS		FOURTH CLASS
			47 El Dorado Arrive Daily	15 California Express Arrive Daily	31 Sacramento Passenger Arrive Daily	21 The Statesman Arrive Daily	29 Sacramento Passenger Arrive Daily	11 Shasta Limited Arrive Daily	53 Exposition Special Arrive Daily	13 San Francisco Express Arrive Daily	547 Sacramento MOTOR Arrive Daily	221 Portland Fast Freight Arrive Daily	229 Way Freight Arrive Daily Ex. Sunday	227 Way Freight Arrive Daily Ex. Sunday
	SACRAMENTO													
DN	**ROSEVILLE** 6.2													
	WHITNEY 4.2													
D	LINCOLN 1.3													
	CLAYTON 0.3													
	*AHART 2.4													
	EWING 3.8													
	SHERIDAN 3.3													
D	WHEATLAND 6.1													
	OSTROM 6.6													
DN	**MARYSVILLE** 1.0													
	BINNEY JUNCTION W. P. Ry. Crossing 2.9													
	BERG 3.0													
	LOMO 2.1													
	SUNSET 1.7													
D	LIVE OAK N. E. Ry. Crossing 4.4													
	FAGAN 2.1													
DN	GRIDLEY 3.4													
D	BIGGS 6.0													
	RICHVALE 4.1													
	NELSON 6.6													
D	DURHAM 3.8													
	FAULKNER 2.3													
DN R	N. E. Ry. Crossing **CHICO** 4.9													
	POND 2.2													
	NORD 2.3													
	ANITA 2.4													
	CANA 2.6													
	SOTO 4.4													
D	VINA 1.6													
	COPELAND 2.5													
	ENSIGN 0.9													
	BOHEMIA 1.7													
D	LOS MOLINOS 2.0													
DN R	**TEHAMA** 3.0													
	GERBER 0.9													
	PROBERTA 3.3													
	RAWSON 4.5													
DN R	**RED BLUFF**													
	(116.8)													
	Time over District.........													
	Average speed per hour.........													

Automatic Block

SOUTHERN PACIFIC COMPANY
(Pacific System)

Office of Superintendent
Sacramento Division

File No. 520-31

Sacramento, August 31, 1915.

Circular No. 564.

Agents, Sacramento Division,
Train & Enginemen, Sacramento Bulletin Boards.

Pages 6 and 8, Sacramento Division Time Table No. 99, effective 12:01 A.M., September 5th, 1915, should show time of No. 14's connection, (which is Western Division No. 27), as leaving Sacramento 3:30 P.M., instead of 3:25 P.M.

Effective with this Time Table, Nos. 537 and 538, as shown on page 11, will be annulled by train order and run extra as shown below:

	No. 538's Extra			No. 537's Extra
	1:25 P.M.	MARYSVILLE		1:10 P.M.
		BINNEY JUNCTION		
f		MELLO	f	
f	1:41 P.M.	RAMIREZ	f	12:45 P.M.
f		MISSION	f	
s	1:55 P.M.	HONCUT	s	12:38 P.M.
f		HEARST	f	
s	2:13 P.M.	PALERMO	s	12:22 P.M.
f		VILLA VERONA	f	
s	2:25 P.M.	OROVILLE		12:10 P.M.

J. H. Dyer,
Superintendent.

cc - WRS-DWC-GFR-CSF-RJS

*Frog out. Westward trains are superior to trains of the same class in the opposite direction. See Rule 72.

ADDITIONAL STOPS ON SIGNAL.
No. 15, stations west of Red Bluff to discharge passengers from Portland or points beyond.
No. 547 Morrison's Crossing.
No. 547 Nord Ave., Chico, and Second Street, Tehama. Hills Crossing.

Marysville Yard see page 11.

Time at Tehama applies at Jct. Switch.

Eastward.

FROM SAN FRANCISCO

Length of sidings in cars, and location of Scales, Fuel, Water, Turning Stations and Interlocking Plants.	THIRD CLASS						SECOND CLASS				FIRST CLASS								Distance from San Francisco	Time Table No. 99 September 5, 1915
				222	228	230			548	546	48	14	32	12	22	30	54	16		
				Portland Fast Freight	Way Freight	Way Freight			Chico Willows MOTOR	Red Bluff MOTOR	El Dorado	Portland Express	Red Bluff Passenger	Shasta Limited	The Statesman	Red Bluff Passenger	Sound Special	Oregon Express		
				Leave Daily	Leave Daily Ex. Sunday	Leave Daily Ex. Sunday			Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily		STATIONS
				6.40AM																**RAMENTO**
Term Yard OWFPYT				1.00PM																**SEVILLE** 6.2
49				1.20																HITNEY 4.2
134 W				1.35																INCOLN 1.3
34 Spur																				LAYTON 0.3
9 Spur																				AHART 2.4
38				**1.53**																WING 3.8
32				2.15																ERIDAN 3.3
138				**2.43**																EATLAND 6.1
53				3.05																STROM 6.6
Yard WOP				3.50																**RYSVILLE** 1.0
Yard PIY				3.55																**JUNCTION** Ry. Crossing. 2.9
112				**4.15**																BERG 3.0
43				4.30																LOMO 2.1
8 Spur																				UNSET 1.7
54 I				4.44																VE OAK Ry. Crossing 4.4
5 Spur																				AGAN 2.1
120				5.05																RIDLEY 3.4
49 W				5.25																BIGGS 6.0
49				5.42																CHVALE 4.1
110				5.55																ELSON 6.6
49				6.10																URHAM 3.8
9 Spur																				ULKNER 2.3 Ry. Crossing
Yard OYW				6.40	7.0															**CHICO** 4.9
7 Spur				6.55	7.1															POND 2.2
29				7.03	7.2															NORD 2.3
112				7.10	7.4															ANITA 2.4
20				7.20	7.5															CANA 2.6
8 Spur				7.30	8.0															SOTO 4.4
49 W				**7.57**	**8.4**															VINA 1.6
15				8.10	8.5															PELAND 2.5
12 Spur																				NSIGN 0.9
8 Spur																				HEMIA 1.7
48				8.30	9.1															MOLINOS 2.0
120 PWY				9.00	9.3															**EHAMA** 3.0
250				9.20	9.4															ERBER 0.9
49				9.25	9.5															OBERTA 3.3
110				9.40	**10.1**															AWSON 4.5
Term Yard FWTO				10.00PM	10.2															**BLUFF**
				Arrive Daily	Arrive D Ex. Sun															(116.8)
Marysville Yard—See trains on page 11.				(9.00) 12.98	(3.25) 11.98	8.60			23.40	23.40	35.17	28.08	28.60	31.91	28.60	28.08	29.20	28.08	....	over District ge speed per hour

Time at Tehama applies at Junction Switch.
*Frog out.

ADDITIONAL STOPS ON SIGNAL.
- No. 548, Morrison and Hills Crossing.
- No. 16, to receive passengers for Portland and points beyond.
- No. 548 Nord Ave., Chico, and Second Street, Tehama.

No. 54 to receive passengers for Dunsmuir and points beyond.

Westward trains are superior to trains of the same class in the opposite direction. See Rule 72.

Time Table No. 99
September 5, 1915

	FIRST CLASS								SECOND CLASS	THIRD CLASS		FOURTH CLASS
Distance from Red Bluff	**47** El Dorado	**15** California Express	**31** Sacramento Passenger	**21** The Statesman	**29** Sacramento Passenger	**11** Shasta Limited	**53** Exposition Special	**13** San Francisco Express	**547** Sacramento MOTOR	**221** Portland Fast Freight	**229** Way Freight	**227** Way Freight
	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily Ex. Sunday	Arrive Daily Ex. Sunday

	STATIONS	
	SACRAMENTO	
DN	**ROSEVILLE**	6.2
	WHITNEY	4.2
D	LINCOLN	1.3
	CLAYTON	0.3
	*AHART	2.4
	EWING	3.8
	SHERIDAN	3.3
D	WHEATLAND	6.1
	OSTROM	6.6
DN	**MARYSVILLE**	1.0
	BINNEY JUNCTION W. P. Ry. Crossing	2.9
	BERG	3.0
	LOMO	2.1
	SUNSET	1.7
D	LIVE OAK N. E. Ry. Crossing	4.4
	FAGAN	2.1
DN	GRIDLEY	3.4
D	BIGGS	6.0
	RICHVALE	4.1
	NELSON	6.6
D	DURHAM	3.8
	FAULKNER	2.3
DN R	N. E. Ry. Crossing **CHICO**	4.9
	POND	2.2
	NORD	2.3
	ANITA	2.4
	CANA	2.6
	SOTO	4.4
D	VINA	1.6
	COPELAND	2.5
	ENSIGN	0.9
	BOHEMIA	1.7
D	LOS MOLINOS	2.0
Automatic Block DN R	**TEHAMA**	3.0
Automatic Block	GERBER	0.9
Automatic Block	PROBERTA	3.3
Automatic Block	RAWSON	4.5
Automatic Block DN R	**RED BLUFF**	
	(116.8)	

Time over District.......
Average speed per hour.......

SOUTHERN PACIFIC COMPANY
(Pacific System)

Office of Superintendent
Sacramento Division

File No. 520-31

Sacramento, August 31, 1915.

Circular No. 554.

Agents, Sacramento Division,
Train & Enginemen, Sacramento Bulletin Boards.

Pages 6 and 8, Sacramento Division Time Table No. 99, effective 12:01 A.M., September 5th, 1915, should show time of No. 14's connection, (which is Western Division No. 27), as leaving Sacramento 3:30 P.M., instead of 3:25 P.M.

Effective with this Time Table, Nos. 537 and 538, as shown on page 11, will be annulled by train order and run extra as shown below:

	No. 538's Extra			No. 537's Extra
	1:25 P.M.	MARYSVILLE		1:10 P.M.
		BINNEY JUNCTION		
f		MELLO	f	
f	1:41 P.M.	RAMIREZ	f	12:45 P.M.
f		MISSION	f	
s	1:55 P.M.	HONCUT	s	12:38 P.M.
f		HEARST	f	
s	2:13 P.M.	PALERMO	s	12:22 P.M.
f		VILLA VERONA	f	
s	2:25 P.M.	OROVILLE		12:10 P.M.

J. H. Dyer,
Superintendent.

cc - WRS-DWC-GFR-CSF-RJS

*Frog out. Westward trains are superior to trains of the same class in the opposite direction. See Rule 72.

ADDITIONAL STOPS ON SIGNAL.
No. 15, stations west of Red Bluff to discharge passengers from Portland or points beyond.
No. 547 Morrison's Crossing.
No. 547 Nord Ave., Chico, and Second Street, Tehama. Hills Crossing.

Marysville Yard see page 11.

Time at Tehama applies at Jct. Switch.

Eastward.

FROM SAN FRANCISCO

Time Table No. 99

September 5, 1915

Length of sidings in cars, and location of Scales, Fuel, Water, Turning Stations and Interlocking Plants.	THIRD CLASS			SECOND CLASS		FIRST CLASS									Distance from San Francisco	
	222 Portland Fast Freight	**228** Way Freight	**230** Way Freight	**548** Chico Willows MOTOR	**546** Red Bluff MOTOR	**48** El Dorado	**14** Portland Express	**32** Red Bluff Passenger	**12** Shasta Limited	**22** The Statesman	**30** Red Bluff Passenger	**54** Sound Special	**16** Oregon Express		**STATIONS**
															SACRAMENTO
Term Yard OWFPYT															DN **ROSEVILLE** 6.2
49															WHITNEY 4.2
134 W															D LINCOLN 1.3
34 Spur															CLAYTON 0.3
9 Spur															*AHART 2.4
38															EWING 3.8
32															SHERIDAN 3.3
138															D WHEATLAND 6.1
53															OSTROM 6.6
Yard WOP															DN **MARYSVILLE** 1.0
Yard PIY															**BINNEY JUNCTION** W. P. Ry. Crossing. 2.9
112															BERG 3.0
43															LOMO 2.1
8 Spur															SUNSET 1.7
54 I															D LIVE OAK N. E. Ry. Crossing 4.4
5 Spur															FAGAN 2.1
120															DN GRIDLEY 3.4
49 W															D BIGGS 6.0
49															RICHVALE 4.1
110															NELSON 6.6
49															D DURHAM 3.8
9 Spur															FAULKNER 2.3 N. E. Ry. Crossing
Yard OYW															DNR **CHICO** 4.9
7 Spur															POND 2.2
29															NORD 2.3
112															ANITA 2.4
20															CANA 2.6
8 Spur															SOTO 4.4
49 W															D VINA 1.6
15															COPELAND 2.5
12 Spur															ENSIGN 0.9
8 Spur															BOHEMIA 1.7
48															D LOS MOLINOS 2.0
120 PWY															Automatic Block DNR **TEHAMA** 3.0
250															GERBER 0.9
49															PROBERTA 3.3
110															RAWSON 4.5
Term Yard FWTO															DNR **RED BLUFF**
															(116.8)
Marysville Yard—See trains on page 11.	(9.00) 12.98	(3.25) 11.98	(9.00) 8.60	(4.12) 28.40	(0.30) 23.40	(2.10) 35.17	(0.25) 28.08	(4.05) 28.60	(0.22) 31.91	(4.05) 28.60	(0.25) 28.08	(4.00) 29.20	(4.10) 28.03		..............Time over District ....Average speed per hour

Time at Tehama applies at Junction Switch.
*Frog out.

ADDITIONAL STOPS ON SIGNAL.
- No. 548, Morrison and Hills Crossing.
- No. 16, to receive passengers for Portland and points beyond.
- No. 548 Nord Ave., Chico, and Second Street, Tehama.

No. 54 to receive passengers for Dunsmuir and points beyond.

Westward trains are superior to trains of the same class in the opposite direction. See Rule 72.

TOWARD SAN FRANCISCO.

	Time Table No. 99 September 5, 1915	Distance from Red Bluff	FIRST CLASS									SECOND CLASS	THIRD CLASS		FOURTH CLASS
			47 El Dorado	15 California Express	31 Sacramento Passenger	21 The Statesman	29 Sacramento Passenger	11 Shasta Limited	53 Exposition Special	13 San Francisco Express	547 Sacramento MOTOR		221 Portland Fast Freight	229 Way Freight	227 Way Freight
	STATIONS		Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily		Arrive Daily	Arrive Daily Ex. Sunday	Arrive Daily Ex. Sunday
	SACRAMENTO		8.05AM	9.05AM	10.00AM	3.00PM	4.15PM	4.15PM	7.00PM	9.00AM	6.25PM		7.00PM		
DN	**ROSEVILLE** 6.2	116.8	s 7.32AM	s 8.23AM		s 2.18PM					s 5.50PM		4.00PM	5.10PM	
	WHITNEY 4.2	110.6	f 7.23	8.12		f 2.10					f 5.38		3.36	4.52	
D	LINCOLN 1.3	106.4	s 7.17	s 8.05		s 2.03					s 5.30		3.22	4.15 3.45	
	CLAYTON 0.3	105.1													
	*AHART 2.4	104.8													
	EWING 3.8	102.4	7.10	7.57		f 1.53					f 5.22		3.10	3.30	
	SHERIDAN 3.3	98.6	f 7.05	7.51		s 1.47					f 5.14		3.00	3.10	
D	WHEATLAND 6.1	95.3	s 7.00	s 7.45		s 1.41					s 4.58		2.43	2.55 2.30	
	OSTROM 6.6	89.2	6.50	f 7.35		f 1.31					f 4.47		2.15	2.00	
DN	**MARYSVILLE** 1.0	82.6	s 6.40	s 7.25		s 1.20					4.35 s 4.25		1.40 12.50	1.30 12.20	
	BINNEY JUNCTION W. P. Ry. Crossing 2.9	81.6	6.35	7.10		1.03					4.23		12.40	12.05PM	
	BERG 3.0	78.7	f 6.31	7.05		f 12.59					f 4.15		12.30	11.45AM	
	LOMO 2.1	75.7	6.26	f 7.00		f 12.54					f 4.09		12.22	11.20	
	SUNSET 1.7	73.6	f			f					f				
D	LIVE OAK N. E. Ry. Crossing 4.4	71.9	f 6.22	s 6.52		s 12.48					s 4.02		12.10PM	10.55	
	FAGAN 2.1	67.5									f				
DN	GRIDLEY 3.4	65.4	s 6.11	s 6.41		s 12.37					s 3.49		11.55AM	10.15	
D	BIGGS 6.0	62.0	s 6.05	s 6.34		s 12.30					s 3.43		11.43	9.50	
	RICHVALE 4.1	56.0	f 5.55	6.22		s 12.18					s 3.30		11.27	9.10	
	NELSON 6.6	51.9	f 5.45	6.10		s 12.10PM					f 3.20		11.05	8.50	
D	DURHAM 3.8	45.3	f 5.33	s 5.55		s 11.57AM					s 3.08		10.50	8.25	
	FAULKNER 2.3	41.5									f				
DN R	N. E. Ry. Crossing **CHICO** 4.9	39.2	5.25AM	s 5.45		¶11.45 11.25					s 2.55 2.50		10.30	8.00AM	1.55PM
	POND 2.2	34.3		5.25		11.13					f 2.40		9.58		1.35
	NORD 2.3	32.1		f 5.21		s 11.08					f 2.37		9.40		1.25
	ANITA 2.4	29.8		f 5.17		f 11.04					f 2.32		9.25		1.10
	CANA 2.6	27.4		f 5.13		f 11.00					f 2.27		9.15		12.50
	SOTO 4.4	24.8		5.08		f 10.55					f 2.21		8.58		12.35
D	VINA 1.6	20.4		s 5.02		s 10.48					s 2.13		8.40		12.25
	COPELAND 2.5	18.8		4.59		10.45					f 2.10		8.25		12.05PM
	ENSIGN 0.9	16.3				f					f				
	BOHEMIA 1.7	15.4				f					f				
D	LOS MOLINOS 2.0	13.7		s 4.50		s 10.35					s 2.00		8.10		11.50AM
Automatic Block DN R	**TEHAMA** 3.0	11.7		s 4.40	s 5.40AM	s 10.28	s 11.40AM	12.50PM	s 2.30PM	s 12.01AM	s 1.55		8.00		11.30
	GERBER 0.9	8.7		4.33	f 5.34	f 10.19	11.34	12.44	2.25	11.54PM	f 1.48		7.41		11.15
	PROBERTA 3.3	7.8		f 4.31	f 5.32	f 10.17	11.32	12.42	2.23	f 11.52	f 1.46		7.30		11.10
	RAWSON 4.5	4.5		4.25	f 5.25	10.10	f 11.25	12.37	2.18	11.45	f 1.40		7.15		11.05
DN R	**RED BLUFF**	0.0		4.15AM	5.15AM	10.00AM	11.15AM	12.30PM	2.10PM	11.35PM	1.30PM		7.00AM		10.55AM
	(116.8)		Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily		Leave Daily	Leave Daily Ex. Sunday	Leave Daily Ex. Sunday
	Time over District…… Average speed per hour……		(2.07) 35.90	(4.08) 28.34	(0.25) 27.00	(4.18) 29.33	(0.25) 27.00	(0.20) 35.10	(0.20) 35.10	(0.26) 27.00	(4.20) 28.60		(9.00) 14.60	(9.10) 11.09	(3.00) 13.08

Marysville Yard see page 11.

*Frog out. Westward trains are superior to trains of the same class in the opposite direction. See Rule 72.

ADDITIONAL STOPS ON SIGNAL.
- No. 15, stations west of Red Bluff to discharge passengers from Portland or points beyond.
- No. 547 Morrison's Crossing.
- No. 547 Nord Ave., Chico, and Second Street, Tehama. Hills Crossing.

Time at Tehama applies at Jct. Switch.

Eastward.

FROM SAN FRANCISCO

Time Table No. 99

September 5, 1915

Length of sidings in cars, and location of Scales, Fuel, Water, Turning Stations and Interlocking Plants.	THIRD CLASS			SECOND CLASS					FIRST CLASS				Distance from San Francisco		STATIONS
	232	226	224	544	542	536	546	550		14	12	30			
	Knights Landing Way Freight	Way Freight	Way Freight	Tehama MOTOR	Oroville MOTOR	Oroville MOTOR	Red Bluff MOTOR	Hamilton MOTOR		Portland Express	Shasta Limited	Red Bluff Passenger			
	Leave Tuesday and Friday only	Leave Daily Ex. Sunday	Leave Daily Ex. Sunday	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily		Leave Daily	Leave Daily	Leave Daily			
WFTYOP	6.05AM	4.45AM		6.50PM	6.30PM	7.55AM			Use Western Division	3.25PM Time Table	1.15PM Sacramento	9.30AM to Davis.	88.8		**SACRAMENTO** 13.2
Terminal Yard WYP	6.45AM	5.40AM		8.00PM	7.05PM	8.30AM				4.20PM	1.55PM	10.15AM	75.6	DNR	**DAVIS** 5.1
49	6.55	5.55		f 8.10	f 7.15	f 8.40				4.30	2.02	f 10.25	80.7		MERRITT 2.5
20	7.00	6.05		f 8.14	f 7.23	f 8.45				4.36	2.06	f 10.29	83.2		MULLEN 1.7
68 TPW	7.05AM	6.10 7.00		s 8.20	s 7.25PM	s 8.50AM				s 4.45	2.08	s 10.37	84.9	DR	**WOODLAND** Sacramento Woodland Ry. Crossing 4.3
30 Spur				f								f	89.2		ELVATON 0.7
30		7.20		s 8.30						s 4.55	2.16	s 10.47	89.9	D	YOLO 2.2
14 Spur				f						f		f	92.1		DUFOUR 1.6
6 Spur				f								f	93.7		* RONDA 2.1
43		7.40		s 8.42						f 5.05	2.24	s 11.00	95.8	D	ZAMORA 2.2
20		7.50		f 8.46						5.10	2.27	f 11.05	98.0		BRETONA 5.2
38 W		8.37		s 8.57						s 5.23	2.34	s 11.15	103.2	D	DUNNIGAN 3.2
43		8.50		f 9.04						5.32	2.38	f 11.21	106.4		HERSHEY 1.9
237 YP		9.00		f 9.08						5.35	2.43	f 11.24	108.3		**HARRINGTON** 5.2
49		9.45		s 9.18 9.25						s 5.45	2.50	s 11.35	113.5	D	ARBUCKLE 4.1
35 W		10.00		f 9.32						5.55	3.00	f 11.43	117.6		GENEVRA 0.9
15		10.05		f 9.35						5.57	3.02	f 11.45	118.5		MACY 5.7
57		10.55		s 9.45						s 6.10	3.09	¶ 11.55AM 12.20PM	124.2	D	WILLIAMS 4.9
49		11.15		f 9.53						6.19	3.15	f 12.30	129.1		COLUSA JUNCTION 3.9
50 W		11.40AM		s 10.00						s 6.28	3.21	s 12.38	133.0	D	MAXWELL 5.3
47		12.10PM		f 10.10						6.36	3.28	s 12.50	138.3		DELAVAN 3.8
40		12.35		f 10.17						6.44	3.33	s 1.03	142.1		NORMAN 2.2
36		12.50 1.22		f 10.21						6.49	3.37	f 1.12	144.3		LOGANDALE 5.6
64 WFY		1.40PM	1.15AM	s 10.35			7.10AM			s 7.05	3.45	s 1.25	149.9	DNR	**WILLOWS** 3.3
14			1.25	f 10.42			f 7.16			7.10	3.50	f 1.40	153.2		LYMAN 3.6
48			1.45	f 10.47			s 7.22			s 7.18	3.57	s 1.48	156.8	D	GERMANTOWN 3.9
62			1.55	f 10.54			f 7.29			7.25	4.02	f 1.54	160.7		GRAPIT 1.3
36			2.02	f 10.57			f 7.32			7.29	4.05	f 1.57	162.0		GREENWOOD 3.4
45 PW			2.30	s 11.02			s 7.38	2.20PM		s 7.40	4.09	s 2.10	165.4	Automatic Block DR	ORLAND 1.6
42 PY			2.35	f 11.05			f 7.41	2.24PM		7.44	4.11	f 2.14	167.0		**WYO** 2.0
16			2.40	f 11.09			f 7.44			7.48	4.14	f 2.18	169.0		MALTON 4.4
30			2.52	f 11.17			f 7.52			f 7.55	4.19	s 2.29	173.4		KIRKWOOD 5.1
51			3.15	s 11.28			s 8.01			s 8.10	4.26	s 2.45	178.5	D	CORNING 3.1
49			3.25	f 11.35			f 8.07			f 8.16	4.31	s 2.58	181.6		RICHFIELD 4.7
120 WY			3.40AM	s 11.45PM			s 8.15AM			s 8.25PM	4.38PM	s 3.10PM	186.3	DNR	**TEHAMA**
	Arrive Tuesday and Friday only	Arrive Daily Ex. Sunday	Arrive Daily Ex. Sunday	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily		Arrive Daily	Arrive Daily	Arrive Daily			(110.7)
	(0.20) 27.90	(8.00) 11.20	(2.25) 15.07	(3.45) 30.46	(0.20) 27.90	(0.20) 27.90	(1.05) 32.06	(0.04) 24.00		(4.05) 27.11	(2.43) 40.75	(4.55) 24.60			..........Time over District ....Average speed per hour

Westward trains are superior to trains of the same class in the opposite direction. See Rule 72.

ADDITIONAL STOPS ON SIGNAL. { No. 14 will stop at Elvaton to discharge passengers from stations west of Benicia and stations between Davis and Tehama to receive passengers for points east of Dunsmuir.

Time at Tehama applies at Junction Switch.

*Frog Out.

TOWARD SAN FRANCISCO

Westward.

	Time Table No. 99 September 5, 1915		FIRST CLASS					SECOND CLASS					THIRD CLASS	FOURTH CLASS	
		Distance from Tehama	13 San Francisco Express	31 Sacramento Passenger	29 Sacramento Passenger	11 Shasta Limited	53 Exposition Special	541 Sacramento MOTOR	545 Orland MOTOR	549 Willows MOTOR	539 Sacramento MOTOR	543 Davis MOTOR	225 Way Freight	223 Way Freight	233 Knights Landing Way Freight
	STATIONS		Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily Ex. Sunday	Arrive Daily Ex. Sunday	Arrive Tuesday and Friday only
	SACRAMENTO 13.2	123.9	9.00AM Use We	10.00AM stern Division	4.15PM Time Table	4.15PM Davis to Sac	7.00PM ramento	9.00AM			7.25PM	8.15PM	3.00PM		4.00PM
DNR	**DAVIS** 5.1	110.7	s 3.45AM	s 9.25AM	s 3.25PM	s 3.40PM	s 6.20PM	s 8.25AM			s 6.50PM	s 7.45PM	1.40PM		2.55PM
	MERRITT 2.5	105.6	3.34	f 9.16	f 3.14	3.31	6.09	f 8.15			f 6.38	f 7.33	1.17		2.45
	MULLEN 1.7	103.1	3.29	f 9.12	f 3.08	3.26	6.03	f 8.10			f 6.33	f 7.28	1.07		2.40
DR	**WOODLAND** Sacramento Woodland Ry. Crossing. 4.3	101.4	s 3.25	s 9.09	s 3.05	3.22	s 5.58	8.05AM			6.30PM	s 7.25	1.00PM		2.35PM
	ELVATON 0.7	97.1		f	f							f			
D	YOLO 2.2	96.4	s 3.10	s 8.58	s 2.50	3.11	f 5.45					s 7.15	11.30AM		
	DUFOUR 1.6	94.2		f	f							f			
	* RONDA 2.1	92.6		f								f			
D	ZAMORA 2.2	90.5	f 2.58	s 8.50	s 2.35	3.03	f 5.36					s 7.05	11.00		
	BRETONA 5.2	88.3	2.53	f 8.45	f 2.27	3.00	5.32					f 7.01	10.35		
D	DUNNIGAN 3.2	83.1	s 2.45	s 8.37	s 2.15	2.53	f 5.23					s 6.51	10.20		
	HERSHEY 1.9	79.9	2.35	f 8.31	f 2.09	2.48	5.10					f 6.45	10.10		
	HARRINGTON 5.2	78.0	2.31	f 8.28	f 2.06	2.43	5.07					f 6.41	10.00		
D	ARBUCKLE 4.1	72.8	s 2.23	s 8.20	s 1.58	2.35	s 4.58					s 6.31	9.45		
	GENEVRA 0.9	68.7	2.14	s 8.09	f 1.50	2.29	4.47					f 6.23	9.25		
	MACY 5.7	67.8	2.11	8.05	1.48	2.27	4.42					f 6.21	9.15		
D	WILLIAMS 4.9	62.1	s 2.00	s 7.55	s 1.38	2.20	s 4.30					6.10 s 6.00	8.55		
	COLUSA JUNCTION 3.9	57.2	f 1.52	f 7.44	s 1.27	2.14	4.20					f 5.52	8.25		
D	MAXWELL 5.3	53.3	s 1.43	s 7.37	s 1.20	2.09	f 4.13					s 5.44	8.15		
	DELAVAN 3.8	48.0	1.35	f 7.25	f 1.10	2.03	4.05					f 5.34	7.55		
	NORMAN 2.2	44.2	1.29	f 7.20	s 1.03	1.58	3.59					f 5.27	7.43		
	LOGANDALE 5.6	42.0	1.25	f 7.17	f 12.57	1.55	3.55					f 5.23	7.35		
DNR	**WILLOWS** 3.3	36.4	s 1.15	s 7.08	s 12.47	1.47	s 3.45			s 4.15PM		s 5.12	7.20AM	7.45AM	
	LYMAN 3.6	33.1	1.03	f 6.58	f 12.37	1.40	3.30			f 4.05		f 5.04		7.35	
D	GERMANTOWN 3.9	29.5	s 12.57	s 6.52	s 12.32	1.34	f 3.24			s 3.57		s 4.58		7.22	
	GRAPIT 1.3	25.6	12.51	f 6.44	f 12.26	1.29	3.17			f 3.43		f 4.50		6.44	
	GREENWOOD 3.4	24.3	12.48	f 6.42	f 12.23	1.26	3.15			f 3.40		f 4.47		6.15	
Automatic Block DR	ORLAND 1.6	20.9	s 12.42	s 6.35	s 12.18	1.21	s 3.09		s 2.05PM	s 3.32		s 4.40		6.00	
	WYO 2.0	19.3	12.35	f 6.29	f 12.12	1.18	3.03		f 2.02	3.25PM		f 4.33		5.30	
	MALTON 4.4	17.3	12.32	f 6.25	f 12.09	1.15	3.00		f 1.58			f 4.29		5.25	
	KIRKWOOD 5.1	12.9	12.25	f 6.18	f 12.03PM	1.09	2.53		f 1.50			f 4.19		5.13	
D	CORNING 3.1	7.8	s 12.16	s 6.09	s 11.55AM	1.02	s 2.45		s 1.41			s 4.05		5.00	
	RICHFIELD 4.7	4.7	12.10	f 6.00	f 11.49	12.57	2.39		f 1.34			f 3.59		4.40	
DNR	**TEHAMA**	0.0	12.01AM	5.50AM	11.40AM	12.50PM	2.30PM		1.25PM			3.50PM		4.25AM	
	(110.7)		Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily Ex. Sunday	Leave Daily Ex. Sunday	Leave Tuesday and Friday only
	Time over District....................		(3.44)	(3.35)	(3.45)	(2.50)	(3.50)	(0.20)	(0.40)	(0.50)	(0.20)	(3.55)	(6.20)	(3.20)	(0.20)
	Average speed per hour..................		30.92	31.88	29.52	39.08	28.88	27.90	31.35	25.52	27.90	29.52	11.87	10.92	27.90

Westward trains are superior to trains of the same class in the opposite direction. See Rule 72.

Nos. 13 and 53 will stop at stations between Tehama and Davis to discharge passengers from Dunsmuir and points beyond.

Time at Tehama applies at Junction Switch.

*Frog Out.

Eastward. **FROM SAN FRANCISCO.** **TOWARD SAN FRANCISCO.** Westward.

Length of sidings in cars and location of Scales, Fuel, Water, Turning Stations and Interlocking Plants.	THIRD CLASS	SECOND CLASS		FIRST CLASS	Distance from San Francisco		Time Table No. 99 September 5, 1915	Distance from Placerville	FIRST CLASS	SECOND CLASS		THIRD CLASS
	264	530	520	62					61	521	531	265
	Way Freight	Fair Oaks and Folsom **MOTOR**	Fair Oaks and Placerville **MOTOR**	Placerville Passenger					Fair Oaks and Sacramento Passenger	Fair Oaks and Sacramento **MOTOR**	Fair Oaks and Sacramento **MOTOR**	Way Freight
	Leave Daily Ex. Sunday	Leave Daily	Leave Daily	Leave Daily			**STATIONS**		Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily Ex. Sunday
WFTYOP	6.00AM	5.20PM	8.10AM	2.00PM	88.8	DNR	**SACRAMENTO** 0.5	59.9	s 10.45AM	s 7.55AM	s 5.05PM	2.10PM
					89.3		Sacramento-Woodland Ry. Crossing 0.3	59.4				
			8.15		89.6		JCT. SWITCH, R STREET 0.1	59.1				
					89.7		Northern Electric Crossing Western Pacific Crossing 0.5	59.0				
					90.2		Central California Traction Crossing 0.6	58.5				
I	Via Elvas	Via Elvas		Via Elvas	90.8		Western Pacific Crossing 1.2	57.9	Via Elvas	Via Elvas	Via Elvas	Via Elvas
I					92.0		Northern Electric Crossing 0.3	56.7				
Yard			f 8.22		92.3		HOMESTEAD 2.4	56.4				
Yard W	6.20	s 5.40	s 8.30	s 2.18	94.7	DNR	**BRIGHTON** S. P. Crossing. 0.8	54.0	s 10.27	s 7.38	s 4.50	1.25
7 Spur		f	f	f	95.5		RAMONA 0.4	53.2	f	f	f	
29	6.23	f 5.42	f 8.33	s 2.21	95.9		PERKINS 1.6	52.8	s 10.23	f 7.34	f 4.44	1.15
9	6.28	f 5.45	f 8.37	f 2.24	97.5		MANLOVE 1.4	51.2	f 10.19	f 7.30	f 4.41	1.05
81	6.32	f 5.48	f 8.41	s 2.27	98.9		MAYHEW 1.8	49.8	s 10.16	f 7.27	f 4.37	12.50
8	6.37	f 5.52	f 8.45	f 2.30	100.7		ROUTIER 0.9	48.0	f 10.12	f 7.23	f 4.34	12.40
22	6.40	f 5.54	f 8.47	f 2.32	101.6		MILLS 1.8	47.1	f 10.10	f 7.21	f 4.32	12.35
35	**7.17**	f 5.58	f 8.51	f 2.35	103.4		CORDOVA 1.0	45.3	f 10.06	f **7.17**	f 4.28	12.20
35	7.35 8.45	s 6.00 6.15	s 8.55 9.10	s 2.38 2.53	104.4	R	**CITRUS** 3.0	44.3	s 10.03 9.48	7.15 s 7.00	4.25 s 4.10	12.10PM 11.05AM
18	8.58	f 6.20	f 9.15	f 2.59	107.4		NIMBUS 0.9	41.3	f 9.43	f 6.53	f 4.02	10.50
31	9.02	f 6.22	f 9.17	f 3.01	108.3		ALDER CREEK 1.8	40.4	f 9.41	f 6.51	f 4.00	10.45
25	9.10 9.40	f 6.26	f 9.20	f 3.04	110.1		NATOMA 1.0	38.6	f **9.38**	f 6.48	f 3.56	10.37
25 WY	**10.30**	s 6.30PM	s **9.35**	s 3.12	111.1	DR	**FOLSOM** 6.9	37.6	s **9.35**	6.45AM	s 3.53	**10.30**
9	11.00		f **9.55**	f **3.35**	118.0		WHITE ROCK 5.1	30.7	f 9.16		f **3.35**	**9.55**
9 Spur	11.25		f 10.07	f 3.49	123.1		COTHRIN 3.0	25.6	f 9.01		f 3.15	9.20
15	11.40		s 10.16	s 3.58	126.1	D	LATROBE 1.5	22.6	s **8.52**		s 3.08	**8.52**
4 Spur			f	f	127.6		FLONELLIS 0.5	21.1	f		f	
9 Spur	11.50		f 10.21	f 4.04	128.1		BRELA 1.7	20.6	f 8.47		f 3.04	8.10
6 Spur	11.59AM		f 10.26	f 4.09	129.8		BRANDON 1.6	18.9	f 8.43		f 3.00	8.05
6	12.05PM		f 10.30	f 4.13	131.4		DUGAN 0.3	17.3	f 8.38		f 2.55	7.58
4 Spur			f	f	131.7		BULLARD 2.3	17.0	f		f	
2 Spur	12.15		f 10.36	f 4.22	134.0		BENNETT 2.9	14.7	f 8.31		f 2.50	7.48
27	12.35		s 10.44	s 4.30	136.9		SHINGLE SPRINGS 3.5	11.8	s 8.23		s 2.43	7.38
6 Spur	12.50		f 10.52	f 4.40	140.4		CUMMINGS 2.3	8.3	f 8.14		f 2.35	7.25
30	1.00		s 10.59	s 4.47	142.7		EL DORADO 2.3	6.0	s 8.08		s 2.29	7.15
23	1.15		s 11.05	s 4.52	145.0	D	**DIAMOND SPRINGS** 3.7	3.7	s 8.01		s 2.24	7.05
Yard WT	1.30PM		s 11.15AM	s 5.05PM	148.7	DR	**PLACERVILLE**	0.0	7.50AM		2.15PM	6.45AM
	Arrive Daily Ex. Sunday	Arrive Daily	Arrive Daily	Arrive Daily			(59.9)		Leave Daily	Leave Daily	Leave Daily	Leave Daily Ex. Sunday
	(7.30)	(1.10)	(3.05)	(3.05)			Time over District		(2.50)	(1.10)	(2.50)	(7.25)
	10.32	25.42	20.92	20.92			Average speed per hour		22.86	25.42	22.17	9.48

Westward trains are superior to trains of the same class in the opposite direction—See Rule 72.

For Fair Oaks Branch trains, see page 11.
For Walnut Grove Branch Trains, Sacramento and Junction Switch R Street, see page 12.

Water—One mile east of Dugan.

ADDITIONAL STOPS ON SIGNAL.

All trains Soudan, Malby, Stone House, Webber Creek Bridge, Bradshaw, Salsbury, Road crossing one-half mile East of Citrus, Alden, Plummer, Carpenter and Limestone.
No. 520 Tenth, Twenty-first and Twenty-eighth Streets, Sacramento and East Lawn.
Nos. 521 and 530 18th and B Street, Sacramento.

Eastward. FROM SAN FRANCISCO. TOWARD SAN FRANCISCO. Westward.

Length of sidings in cars, and location of Scales, Fuel, Water, Turning Stations and Interlocking Plants.		THIRD CLASS		SECOND CLASS			Distance from San Francisco		Time Table No. 99 September 5, 1915	Distance from Oroville	SECOND CLASS			FOURTH CLASS	
		232 Knights Landing Way Freight	234 Oroville Way Freight	542 Oroville MOTOR	538 Oroville MOTOR	536 Oroville MOTOR					541 Davis and Sacramento MOTOR	537 Marysville MOTOR	539 Davis and Sacramento MOTOR	235 Oroville Way Freight	233 Knights Landing Way Freight
		Leave Tuesday and Friday only	Lv. Monday, Wednesday, Saturday only	Leave Daily	Leave Daily	Leave Daily			STATIONS		Arrive Daily	Arrive Daily	Arrive Daily	Ar. Monday, Wednesday, Saturday only	Arrive Tuesday and Friday only
68	TPW	8.05AM		7.30PM		8.55AM	84.9	DR	**WOODLAND** 2.3	63.0	s 8.05AM		s 6.30PM		2.15PM
16				7.37		9.02	87.2		GARIC 0.5	60.7	7.57		6.23		
23				f 7.39		f 9.05	87.7		PEART 1.7	60.2	f 7.55		f 6.20		
29	Spur			f		f	89.4		LAUGENOUR 0.7	58.5	f		f		
19				f		f	90.1		CURTIS 2.3	57.8	f		f		
4	Spur			f		f	92.4		CORANCO 1.6	55.5	f		f		
27		9.20		s 7.50		s 9.20	94.0	D	KNIGHTS LANDING 3.4	53.9	s 7.45		s 6.07		1.45
2	Spur			f		f	97.4		BYPASS 7.8	50.5	f		f		
65				f 8.14		f 9.45	105.2		CHANDLER 2.3	42.7	f 7.21		f 5.42		
29				f 8.19		f 9.52	107.5		MARCUSE 2.0	40.4	f 7.16		f 5.37		
4	Spur			f		f	109.5		WILSON 1.9	38.4	f		f		
19	W			s 8.28		s 10.02	111.4		TUDOR 1.0	36.5	s 7.09		s 5.30		
8				f 8.31		f 10.05	112.4		ABBOTT 3.4	35.5	f 7.07		f 5.27		
31				s 8.40		f 10.13	115.8		OSWALD 1.9	32.1	s 7.00		f 5.18		
32				f 8.45		f 10.18	117.7		BOGUE 2.7	30.2	f 6.56		f 5.13		
19	I	11.30		s 8.52		s 10.25	120.4	D	YUBA CITY N. E. Ry. Crossing 1.4	27.5	s 6.50		s 5.05		12.30
Yard	W			s 8.57		s 10.30	121.8		N. E. Ry. Crossing E STREET, MARYSVILLE 0.6	26.1	s 6.45		s 4.55		
Yard	WOP	11.45AM	7.00AM	s 9.05 9.50	2.20PM	s 10.35 10.45	122.4	DNR	**MARYSVILLE** 1.0	25.5	6.40 s 6.35	s 2.00PM	4.50 s 4.35	9.30AM	12.15PM
Yard	IFY			9.55	2.25	10.50	123.4		**BINNEY JUNCTION** 3.1	24.5	6.32	1.55	4.30		
3	Spur			f	f	f	126.5		MELLO 4.2	21.4	f	f	f		
19				f 10.06	f 2.42	f 11.03	130.6		RAMIREZ 1.1	17.2	f 6.19	f 1.38	f 4.16		
8	Spur			f	f	f	131.7		MISSION 3.3		f	f	f		
15				s 10.15	s 2.52	s 11.11	135.0		HONCUT 6.6	12.9	s 6.13	s 1.28	s 4.07		
14				10.25	f 3.07	f 11.23	141.6		HEARST 0.9	6.3	6.02	f 1.14	f 3.53		
35				s 10.27	s 3.09	s 11.26	142.5		PALERMO 2.5	5.4	s 5.59	s 1.12	s 3.52		
27				10.32	f 3.13	f 11.29	145.0		VILLA VERONA 2.9	2.9	5.55	f 1.07	f 3.47		
Yard	WT		8.00AM	s 10.40PM	s 3.20PM	s 11.35AM	147.9	DR	**OROVILLE**	0.0	5.50AM	1.00PM	3.40PM	8.30AM	
		Arrive Tuesday and Friday only	Ar. Monday, Wednesday, Saturday only	Arrive Daily	Arrive Daily	Arrive Daily			(63.0)		Leave Daily	Leave Daily	Leave Daily	Lv. Monday, Wednesday, Saturday only	Leave Tuesday and Friday only
		(3.40) 10.25	(1.00) 25.50	(3.10) 28.16	(1.00) 25.50	(2.40) 25.20			Time over District Average speed per hour		(2.15) 29.07	(1.00) 25.50	(2.50) 25.39	(1.00) 25.50	(2.00) 19.00

Westward trains are superior to trains of the same class in the opposite direction. See Rule 72.

Howard Spur leading from Peart to Howard 1.9 miles.

Time at Knights Landing applies at siding, as per Rule 5.

Marysville Yard—See trains on pages 6 and 7.

ADDITIONAL STOPS ON SIGNAL
- Nos. 541, 542, 536, 539,
- Nos. 536, 537, 538 and 539,
- Vernon, Lee, Barley Sack, Saccarus and Cox's Lane.
- Feather, Cox's Lane, Baggett's Crossing.

Eastward. FROM SAN FRANCISCO — TOWARD SAN FRANCISCO. Westward.

Length of sidings in cars, and location of Scales, Fuel, Water, Turning Stations and Interlocking Plants.		THIRD CLASS		FIRST CLASS						Distance from San Francisco		Time Table No. 99 September 5, 1915	Distance from Fair Oaks	SECOND CLASS						FOURTH CLASS	
		272	270	514	512	64	66	504	502					501	503	67	65	511	513	271	273
		Way Freight	Way Freight	Fair Oaks MOTOR	Fair Oaks MOTOR	Fair Oaks Passenger	Fair Oaks Passenger	Fair Oaks MOTOR	Fair Oaks MOTOR					Fair Oaks MOTOR	Fair Oaks MOTOR	Fair Oaks Passenger	Fair Oaks Passenger	Fair Oaks MOTOR	Fair Oaks MOTOR	Way Freight	Way Freight
		Leave Daily Ex. Sunday	Leave Daily Ex. Sunday	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily			STATIONS		Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily Ex. Sunday	Arrive Daily Ex. Sunday
35		11.05AM	7.40AM	6.00PM	4.10PM	2.38PM	9.48AM	8.55AM	7.00AM	104.4	R	**CITRUS** 1.0	1.9	s 7.15AM	s 9.10AM	s 10.03AM	s 2.53PM	s 4.25PM	s 6.15PM	8.30AM	12.05PM
10	Spur			f	f	f	f	f	f	105.4		HOLLY 0.9	0.9	f	f	f	f	f	f		
15	T	11.10AM	7.45AM	s **6.05PM**	s **4.15PM**	s **2.43PM**	s **9.53AM**	s **9.00AM**	s **7.05AM**	106.3	DR	**FAIR OAKS**	0.0	**7.10AM**	**9.05AM**	**9.58AM**	**2.48PM**	**4.20PM**	**6.10PM**	8.20AM	11.55AM
		Arrive Daily Ex. Sunday	Arrive Daily Ex. Sunday	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily			(1.9)		Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily Ex. Sunday	Leave Daily Ex. Sunday
		(0.05) 22.80	(0.05) 22.80		(0.05) 22.80	(0.05) 22.80	(0.05) 22.80	(0.05) 22.80	(0.05) 22.80			..........Time over District.......... ....Average speed per hour........		(0.05) 22.80	(0.05) 22.80	(0.05) 22.80	(0.05) 22.80	(0.05) 22.80	(0.05) 22.80	(0.10) 11.40	(0.10) 11.40

Eastward. From San Francisco. Toward San Francisco. Westward.

Length of sidings in cars, and location of Scales, Fuel, Water, Turning Stations and Interlocking Plants.		THIRD CLASS	SECOND CLASS	Distance from San Francisco		Time Table No. 99 September 5, 1915	Distance from Fruto	SECOND CLASS	FOURTH CLASS
		266	552					551	267
		Way Freight	Fruto MOTOR					Willows MOTOR	Way Freight
		Leave Monday and Thursday only	Leave Daily			STATIONS		Arrive Daily	Arrive Monday and Thursday only
64	WFY	4.30AM	4.40PM	149.9	DNR	**WILLOWS** 2.4	17.0	s 6.50AM	7.25AM
7	Spur		f 4.48	152.3		LOSA 3.5	14.6	f 6.42	
20			f 4.59	155.8		KURAND 3.8	11.1	f 6.30	
10			f 5.11	159.6		MILLSHOLM 4.0	7.3	f 6.17	
9			f 5.23	163.6		ATHENA 3.3	3.3	f 6.02	
19	T	**5.45AM**	s 5.35PM	166.9	R	**FRUTO**	0.0	**5.50AM**	6.10AM
		Arrive Monday and Thursday only	Arrive Daily			(17.0)		Leave Daily	Leave Monday and Thursday only
		(1.15) 13.60	(0.55) 18.55			..........Time over District.......... ....Average speed per hour........		(1.00) 17.00	(1.15) 13.60

Eastward. From San Francisco. Toward San Francisco. Westward.

Length of sidings in cars, and location of Scales, Fuel, Water, Turning Stations and Interlocking Plants.		THIRD CLASS	FIRST CLASS	Distance from San Francisco		Time Table No. 99 September 5, 1915	Distance from Hamilton	SECOND CLASS	FOURTH CLASS
		268	550					549	269
		Way Freight	Hamilton MOTOR					Willows MOTOR	Way Freight
		Leave Tuesday and Friday only	Leave Daily			STATIONS		Arrive Daily	Arrive Tuesday and Friday only
42	PY	2.40AM	2.25PM	167.0		**WYO** 10.4	10.4	s 3.25PM	4.20AM
30	W	3.20AM	s **2.55PM**	177.4	DR	**HAMILTON**	0.0	3.00PM	3.40AM
		Arrive Tuesday and Friday only	Arrive Daily			(10.4)		Leave Daily	Leave Tuesday and Friday only
		(0.40) 15.60	(0.30) 20.80			..........Time over District.......... ....Average speed per hour........		(0.25) 24.96	(0.40) 15.60

Eastward. FROM SAN FRANCISCO—WALNUT GROVE BRANCH—TOWARD SAN FRANCISCO. Westward.

Length of sidings in cars and location of Scales, Fuel, Water, Turning Stations and Interlocking Plants.	THIRD CLASS	FIRST CLASS		Distance from San Francisco		Time Table No. 99 September 5, 1915	Distance from Walnut Grove	SECOND CLASS		FOURTH CLASS
	238	534	532					533	535	239
	Way Freight	Walnut Grove MOTOR	Walnut Grove MOTOR					Sacramento MOTOR	Sacramento MOTOR	Way Freight
	Leave Tues. and Friday Only	Leave Daily	Leave Daily			STATIONS		Arrive Daily	Arrive Daily	Arrive Tues. and Friday Only
Terminal Yard W.F.T.Y.O.P.	4.30PM	4.15PM	7.30AM	88.8	DNR	**SACRAMENTO** 0.5	24.6	s 10.00AM	s 6.45PM	9.30PM
Yard				89.3		Sacramento, Woodland Railway Crossing 0.3	24.1			
Yard	4.40	4.20	7.35	89.6		JCT. SWITCH R STREET 2.2	23.8	9.53	6.38	9.10
Yard	4.45	f 4.25	f 7.40	91.8		BATHS 2.4	21.6	f 9.48	f 6.33	9.05
60	4.50	f 4.30	f 7 45	94.2		DEL RIO 3.3	19.2	f 9.43	f 6.28	9.00
60	5.00	s 4.37	s 7.52	97.5		FREEPORT 7.8	15.9	s 9.33	s 6.18	8.50
66	**5.58**	s 4.55	s 8.10	105.3		HOOD 4.0	9.5	s 9.13	s **5.58**	8.30
55	6.30	f 5.10	f 8.25	107.9		GLANN 3.3	5.5	f 9.01	f 5.46	7.50
No Siding	6.40	f 5.15	f 8.30	111.2		MOFUBA 2.2	2.2	f 8.55	f 5.40	7.40
61 WY	6.50PM	s **5.20PM**	s **8.35AM**	113.4	DR	**WALNUT GROVE**	0.0	**8.45AM**	**5.30PM**	7.30PM
	Arrive Tues. and Friday Only	Arrive Daily	Arrive Daily			(24.6)		Leave Daily	Leave Daily	Leave Tues. and Friday Only
	(1.20) 17.45	(1.05) 22.70	(1.05) 22.70			..........Time over District .. ..Average speed per hour........		(1.15) 18.35	(1.15) 18.35	(2.00) 12.30

For Placerville Branch trains via R Street, see page 10.

Time at Walnut Grove applies at Station.

Telephone at Junction Switch R Street—Walnut Grove trains using main track from R Street to Sacramento passenger station will ask for instructions from Dispatcher regarding overdue passenger trains.

Westward trains are superior to trains of the same class in opposite direction. See Rule 72.

ADDITIONAL STOPS ON SIGNAL. {All schedule trains at Pocket, Rosebud, Acacia, Cronin and Mosher.
Nos. 550 and 549, Cory.

SACRAMENTO YARD—INBOUND, VIA ELVAS.

Trains moving from Brighton to Elvas are Eastward, and Elvas to Sacramento Westward.

	Time Table No. 99		Distance from Brighton	23	19	1	210	521	47	15	256	254	33	288	61
	September 5, 1915			Tonopah Express	Pacific Limited	Overland Limited	The Newsboy	Fair Oaks and Sac'to **MOTOR**	El Dorado	California Express	Sunset Manifest	Ogden Manifest	Sacramento Passenger	Stockton Freight	Sacramento Passenger
	STATIONS			Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily
Automatic Block	DNR **SAC.** PASS. STA. 1.0	Double Track	6.0	4.10AM	5.50AM	6.40AM	7.15AM	7.55AM	8.05AM	9.05AM			9.45AM		10.45AM
	12TH STREET 2.0		5.0												
	ELVAS 3.0		3.0	4.00AM	5.40AM	6.30AM	7.05	7.45	7.55AM	8.55AM	9.00AM	9.30AM	9.35AM	10.05AM	10.32
	DNR **BRIGHTON**		0.0				6.59AM	7.38AM			8.40AM	9.15AM		9.45AM	10.24AM
	(6.0)			Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily

	Time Table No. 99		Distance from Brighton	9	122	82	265	286	21	32	5	531	209	124	547	221	192
	September 5, 1915			Fast Mail	Sacram'nto Passenger	Sacram'nto Passenger	Way Freight	Way Freight	The Statesman	Sac'to Express	San Francisco Limited	Sac'to **MOTOR**	Mountain Express	Sacramento Passenger	Sac'to **MOTOR**	Portland Fast Freight	Sac'to Passenger
	STATIONS			Arrive Daily	Arrive Daily	Arrive Daily	Ar. Daily Ex. Sunday	Arrive Daily Ex. Sunday	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily
Automatic Block	DNR **SAC.** PASS. STA. 1.0	Double Track	6.0	11.00AM	11.20AM	12.45PM			3.00PM	3.10PM	5.00PM	5.05PM	6.15PM	6.20PM	6.25PM		9.40PM
	12TH STREET 2.0		5.0				2.10PM	2.45PM								7.00PM	
	ELVAS 3.0		3.0	10.50AM	11.10	12.35	1.30	2.35	2.50PM	3.00	4.50PM	4.55	6.05PM	6.10	6.15PM	6.45PM	9.30
	DNR **BRIGHTON**		0.0		11.02AM	12.28PM	1.25PM	2.25PM		2.53PM		4.50PM		6.02PM			9.23PM
	(6.0)			Leave Daily	Leave Daily	Leave Daily	Lv. Daily Ex. Sunday	Leave Daily Ex. Sunday	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily

SACRAMENTO YARD—OUTBOUND, VIA ELVAS.

Trains moving from Sacramento to Elvas are Eastward and Elvas to Brighton Westward.

	Time Table No. 99		Distance from San Francisco	16	257	54	264	222	191	285	210	548	31	22	24	20
	September 5, 1915			Oregon Express	Sunset Manifest	Sound Special	Way Freight	Portland Fast Freight	Stockton Passenger	Way Freight	The Newsboy	Chico and Willows **MOTOR**	Stockton Express	The Statesman	Tonopah Express	Pacific Limited
	STATIONS			Leave Daily	Leave Daily	Leave Daily	Leave Daily Ex. Sunday	Leave Daily	Leave Daily	Leave Daily Ex. Sunday	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily
Automatic Block	DNR **SAC.** PASS. STA. 1.0	Double Track	88.8	12.25AM		3.25AM			7.00AM		7.25AM	8.30AM	10.15AM	11.30AM	12.50PM	1.45PM
	12TH STREET 2.0		89.8				6.00AM	6.40AM		7.10AM						
	ELVAS 3.0		91.8	12.35AM	1.00AM	3.35AM	6.10	6.55AM	7.10	7.20	7.35AM	8.40AM	10.25	11.40AM	1.00PM	1.55PM
	DNR **BRIGHTON**		94.8		1.25AM		6.20AM		7.18AM	7.35AM			10.33AM			
	(6.0)			Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily Ex. Sunday	Arrive Daily	Arrive Daily	Arrive Daily Ex. Sunday	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily

	Time Table No. 99		Distance from San Francisco	62	37	253	32	34	121	530	10	2	223	48	6
	September 5, 1915			Placerville Passenger	Stockton Passenger	Ogden Manifest	Red Bluff Passenger	Colfax Passenger	Stockton Passenger	Fair Oaks and Folsom **MOTOR**	San Francisco Limited	Overland Limited	Tracy Freight	El Dorado	Atlantic Express
	STATIONS			Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily
Automatic Block	DNR **SAC.** PASS. STA. 1.0	Double Track	88.8	2.00PM	2.10PM		4.05PM	4.35PM	5.05PM	5.20PM	5.50PM	7.15PM		8.20PM	10.55PM
	12TH STREET 2.0		89.8										7.40PM		
	ELVAS 3.0		91.8	2.10	2.20	3.25PM	4.15PM	4.45PM	5.15	5.30	6.00PM	7.25PM	7.50	8.30PM	11.05PM
	DNR **BRIGHTON**		94.8	2.18PM	2.25PM	3.35PM			5.22PM	5.40PM			7.55PM		
	(6.0)			Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily

For trains running via R Street, see pages 10 and 12.

SPECIAL RULES.

EXTRA TRAINS MAY PASS OR RUN AHEAD OF THIRD AND FOURTH CLASS TRAINS AND FOURTH CLASS TRAINS AHEAD OF THIRD CLASS TRAINS WITHOUT AN ORDER TO DO SO.

STANDARD CLOCKS.

Sacramento, Dispatcher's Office, Twelfth Street, and Roundhouse.
Roseville, Yard Office and Roundhouse.
Colfax.
Blue Canon.
Truckee.
Sparks.
Red Bluff.
Tehama.
Hamilton.
Willows.
Placerville.
Oroville.
Marysville.
Chico.

BULLETIN BOARDS.

Sacramento, Yard Office, Twelfth Street.
Roseville, Yard Office.
Colfax.
Blue Canon.
Truckee.
Sparks.
Red Bluff.
Chico.
Marysville.
Hamilton.
Tehama.
And all Roundhouses.

CLEARANCES.

1. Rule 83-A will not apply at initial stations which are not telegraph stations, nor at telegraph stations except when operator is on duty.

2. All trains will obtain Clearance Card (Form 2643) at Tehama, Chico, Marysville, Colfax, Blue Canon, Truckee and Folsom when operator is on duty.

3. Freight trains and light engines, originating Sacramento, Twelfth Street, via Elvas-Brighton, proceed to Brighton without obtaining clearance card. Freight trains and light engines between Roseville and Sacramento, and freight trains and light engines to and from Western Division will obtain their orders at Dispatcher's Office, Sacramento.

REGISTERING.

1. A train may register by ticket at a registering station which is not a regular stop if there is an operator on duty, but Rules 83 and D-83 must be complied with, unless prior register check shows that all superior trains due have arrived or left.

2. At registering stations on single track, or at the end of double track when passing from single to double track, where trains are permitted to register as per Rule 83-B, conductors and telegraphers, or telephone operators, must comply with Rule 96, the same as at non-registering stations.

3. Trains originating and terminating 12th Street Depot at Sacramento, also eastward freight trains from Western Division, will register at 12th Street, Sacramento.

Freight trains register Roseville yard office.

First and second class trains register by ticket at Roseville yard office.

TRAIN AND AIR INSPECTION.

1. PASSENGER TRAINS.—Rear end brake and air signal test must be made by trainmen at SUMMIT, BLUE CANON and PLACERVILLE; also at any other point where brake pipe has been separated. Test to be made just prior to leaving.

2. FREIGHT TRAINS.— Rear end brake test must be made by trainmen at SUMMIT, BLUE CANON and PLACERVILLE; also at any other point where brake pipe has been separated. Test to be made just prior to leaving.

3. ALL TRAINS.—Test to be made as follows: One blast of the steam whistle, of sufficient length and volume only to reach the rear of the train, will be notice to trainmen that engineers are ready for air brake test to be made.

Trainmen will then make a service reduction of brake pipe pressure, from the last car, of not less than twenty pounds. Engineer on the lead engine will, with brake valve on lap, watch for fall of pressure on air gauge to indicate that air has been applied; after which brakes will be released in the usual manner.

When the air brake test is made, the release of the brakes will answer.

When the signal test is made, two short blasts of steam whistle will be the answer.

Signal test must be made just after the air brake test.

4. Available retainers on all cars in freight and passenger trains must be used on decending grades.

ON PASSENGER TRAINS, when a stop is made, and not before, trainmen will turn down retainers, one man working from head end, and another from the rear, until they meet; then immediately turning them up on return movement.

Engineer will release the train brakes as soon as stop is made.

When all retainers have been turned down, rear brakeman will notify the engineer by one blast of the signal whistle.

5. Westward freight trains will turn down retainers Tunnel 33 to New England Mills, Loomis to Roseville.

Eastward freight trains Truckee to Sparks.

6. No freight train must make a continuous run of over thirty (30) miles without making a stop of not less than 5 minutes to make a careful examination of all cars.

7. Freight trains descending the grade will make a stop of ten minutes at the following stations, where trainmen will make a careful inspection of all cars and permit wheels to cool:

Floriston.
Stanford.
Summit.
Spruce.
Crystal Lake.
Blue Canon.
Towle.
Colfax
Flint.
Latrobe.

8. All freight trains descending grade between Summit and Truckee, will stop at Lake View and pull out slowly to permit inspection of wheels and running gear.

9. Retainers on cars set out in territory where they are used, must be turned down by incoming crew. This does not relieve outgoing crews from ascertainging that retainers are in proper position.

10. Conductors will report to Superintendent by wire any failure to properly control train by air brake, and will hand to car inspector at first terminal list showing tonnage of each car in train. Car Inspector will add to list the piston travel of each car in train, as shown by test made before road engine is cut off; also result of three-minute test of all retainers. The list then to be forwarded to Superintendent by mail.

11. Whenever a train handles badly on a descending grade, the conductor will wire the car repairers at the terminal, stating the trouble as near as he can, in order to give carmen a chance to investigate on arrival of the train.

USE OF "19" FORM TRAIN ORDER FOR RESTRICTING TRAINS WITHIN AUTOMATIC BLOCK SIGNAL LIMITS.

Within automatic block signal limits, the note under Rule 211 is modified as follows:

Form "19" train order may be issued to restrict the superiority of a train, except that Form "31" must be used:

(1) When orders are delivered at a non-telegraph or closed telegraph station. (See Rule 217.)

(2) When necessary to restrict a train which has been cleared or the engine of which has passed train order signal. (See Rule 219.)

(3) When issuing an order Form "G," Example 3.

(4) When giving a train right over all trains.

(5) When reducing a time order where necessary that dispatcher have signature of superior trains before completing order to an inferior train.

Operator will fill out clearance, designating thereon numbers of orders, repeat to dispatcher train and order numbers as they appear on clearance and obtain O. K. with time and Superintendent's initials, writing same before delivery in blank space where time is shown. Operator will retain carbon copy of clearance. This paragraph applies to territory outside of block signal limits also.

Dispatcher must write train and order numbers in his train order book as transmitted by operator from clearance, and must designate time clearance was made O. K., not transmitting O. K. unless operator repeats numbers of all orders to be delivered to the train to which clearance is addressed.

When a "19" order restricting superiority is issued at a station where superiority is restricted, train must be stopped by operator before delivery of order.

Conductor's and engineer's attention is called to the importance of approaching at a moderate rate of speed, telegraph offices where orders are to be received. Also to the necessity of carefully checking clearance to ascertain positively that clearance is properly addressed and that orders received are those called for by clearance.

AUTOMATIC SIGNALS.

1. On SINGLE TRACK, within Automatic Block System limits, last portion of Rule 86 will not apply.

On single track trains stopped by automatic block signals will be governed by Rule 504. Wait five (5) minutes before proceeding in manner instructed by Rule 504.

2. On DOUBLE TRACK trains must come to a stop, and then may proceed under control, not exceeding six (6) miles per hour, to next signal, flagman being invariably sent ahead in stormy or foggy weather.

3. When using cross-overs, trainmen must comply with Rule 99, on both tracks, and after switches are thrown wait five (5) minutes before moving through cross-over. This regulation does not apply within limits yards.

4. On track No. 1 between Newcastle and Loomis, automatic block signal rules governing trains on single track will apply.

5. When trains are stopped by automatic block signals No. 1158 west of Lincoln, No. 1173 east of Lincoln, No. 1280 west of Wheatland or No. 1291 east of Wheatland, stop, then proceed under control not exceeding six miles per hour to signal governing opposite direction.

6. Distant signals only are operated at Andora, Whitney, Ewing, Sheridan, Ostrom, Marysville and Yuba City; these signals indicate caution position when switch is open or train occupies main track between signal and switch, or when train on siding is not into clear.

7. When signal 889 and 901, in Sacramento yard, indicates "stop," trains will not proceed until signal has changed to "proceed" or until hand signals are given by switchtender. In foggy or stormy weather, flagman must be sent in advance of train when signal indicates "stop."

8. Three-arm automatic block signal on eastward track at junction switch, Rocklin, governs the movement of eastward trains. The upper home and distant signal govern the use of eastward track No. 2. The lower home signal will clear only when track No. 4 is clear and switch lined up for movement to Loomis on track No. 4.

9. Home disc signals on semaphore poles east and west end Gold Run, controlled by operator, will govern movement of eastward and westward trains as follows: When showing red disc or red light, "Take siding." When showing white disc or green light, "Hold main track."

10. Double arm semaphore signal 1664, located 100 feet west of junction switch Blue Canon. Upon receipt of hand signal from switchtender, with top arm in proceed position, train will have the right on main track to staff crane. Upon receipt of hand signal from switchtender, with lower arm at proceed, trains will take siding. Siding will be used as an eastward siding. Westward trains protecting against eastward trains on this track.

STAFF RULES.

1. Two disc signals, home (top) pertaining to the occupancy of the main track, and distant (lower) pertaining to the staff for the next block, are placed on one post at each end of siding at staff stations.

2. If the home signal shows red disc and red light indicating "stop," and the distant signal shows yellow disc and yellow light indicating "caution," train must stop and take siding. When doing so, train must be under control and staff retained, as per Rules 429, 453 and 465.

If distant signal indicates caution, and the home signal shows white disc and green light indicating proceed, train will proceed cautiously on the main track prepared to stop at staff crane located at staff office.

If both signals show white disc or green lights indicating "proceed," train will proceed on main track expecting to receive staff which is authority to move into next block.

3. When receiving staff, as per Rule 452, the engineman must ascertain if it is the proper one for the block which he is entering by removing staff from the pouch and reading the station names stamped upon it.

4. At a distance of approximately fifteen hundred feet from extreme switches at each staff station a distant signal (disc) is located, which is used in connection with the home signal, and the extreme switches to regulate the approach thereto.

5. At staff stations between Blue Canon and Champion, inclusive, the initial switch at each end of siding is connected with the staff disc signals, approaching it, so as to give stop indication when switch is not properly lined up.

6. The Train Staff system is in operation between Truckee and Blue Canon. All stations with sidings within these limits are train staff stations. Should view be obstructed by reason of snow, fog, etc., and engineer is doubtful as to location, he must stop, and if necessary send flagman ahead to note position of signals.

7. Helper engines of eastward trains cutting out at Tunnel 6, at Summit, must obtain a helper staff at Summit office, which will permit them to return on main track from Tunnel 6 to east end of west siding at Summit, regardless of all trains except the one they are helping.

8. The regular train staff will govern train movement.

9. The helper staff is authority for westward movement of helper engines only from Tunnel 6 to Summit, and must be delivered to operator at Summit promptly after helper has arrived and cleared the main track.

If more than one helper cuts out at Tunnel 6, they will couple and return with the helper staff

10. Extra and regular trains not in sections may run between any point within staff limit without running orders upon receipt of clearance card and all orders designated thereon.

11. Westward trains will approach staff crane at Soda Springs and Fulda under control, prepared to stop regardless of staff indications.

SPEED TABLE.

Miles per Hour	1 Mile in		Miles per Hour	1 Mile in		Miles per Hour	1 Mile in		Miles per Hour	1 Mile in	
	Min.	Sec.		Min.	Sec.		Min.	Sec.		Min.	Sec.
6	10	......	21	2	51	31	1	56	41	1	27
8	7	30	22	2	43	32	1	52	42	1	25
10	6	......	23	2	36	33	1	49	43	1	23
12	5	......	24	2	30	34	1	45	44	1	21
15	4	......	25	2	24	35	1	42	45	1	20
16	3	45	26	2	18	36	1	40	46	1	18
17	3	31	27	2	13	37	1	37	47	1	16
18	3	20	28	2	8	38	1	34	48	1	15
19	3	9	29	2	4	39	1	33	49	1	13
20	3	......	30	2	......	40	1	30	50	1	12

MAXIMUM SPEED FOR WHICH LOCOMOTIVES ARE COUNTERBALANCED.

All locomotives, with the following exceptions, are counterbalanced for a speed in miles per hour equal to the number of inches in diameter of driving wheels:

Class of Locomotive	Engine Numbers	Maximum Speed in Miles per Hour	Maximum Wheel Pressure
MM–63 25-38/28 320	4200 to 4211	40	
A–84 15-25/28 110	3000 to 3009	77	48375 lbs.
A–79 15-25/28 102	3016 to 3024	67	46445 "
A–81 20-28 105	3025 to 3071	77	46380 "
T–69 21-28 149	2284, 2285, 2287 to 2289, 2292, 2293, 2295, 2296, 2298, 2299	60	44330 "
T–69 15½-26/28 142	2291, 2294, 2297	62	41526 "
T–63 18/30 78	2187, 2190, 2194, 2195, 2199, 2200, 2203 to 2206	52	22750 "
M–63 21/28 155	1720, 1721, 1724, 1770, 1771, 1773 to 1777, 1779	58	45190 "
M–63 21/28 144	1727 to 1729, 1731, 1734, 1736 to 1738, 1741, 1743, 1745, 1746, 1748, 1750 to 1753, 1755, 1757, 1759 to 1761, 1763, 1764, 1767 to 1769, 1782, 1784, 1785, 1787, 1788, 1790 to 1792, 1794 to 1797, 1799	53	42860 "
M–63 15/26-28 144	1730, 1733, 1786, 1793, 1798, 1802	56	42000 "
E–69 18/24 69	1383, 1386, 1387, 1389, 1392, 1393, 1396, 1397	55	30190 "
E–73 18/24 63	1430 and 1432	61	27570 "
MC–57 26-40/30 394	4000 to 4016	53	43050 "
MC–57 26-40/30 398	4017 to 4028	53	43050 "
MC–57 26-40/30 401-S	4029 to 4043	53	43500 "
MC–57 26-40/30 395-S	4044 to 4048	53	43500 "
C–57 22/30 180	2625, 2626, 2628 to 2642, 2644 to 2651, 2653 to 2655. 2657, 2659 to 2662, 2664 to 2672, 2674, 2675, 2677, 2679	52	39650 "

Note.—Maximum speed in miles per hour is based on vertical disturbing force of counterbalance not exceeding 75 per cent of static wheel load, and maximum wheel pressures shown obtain at speeds indicated.

The above table for information of engineers and must in no way conflict with rules governing speed of trains.

SPEED RESTRICTIONS.

1. Maximum speed of any train at any point must not exceed 50 miles per hour.

2. All trains with Mallet engines will reduce speed to 8 miles per hour and trains with other class of engines to 15 miles per hour when using cross-overs, turnouts and on sidings, and be under control through interlocking plants and "Yard Limits."

Between Loomis and Lawton.

3. Freight trains must not exceed 20 miles per hour on curves and 25 miles per hour elsewhere.

Other trains with Mallet Mogul engines, 4200 class, and Mikado engines, must not exceed 28 miles per hour on curves, between Loomis and Truckee and 30 miles per hour on curves between Truckee and Lawton.

Other trains with Mallet consolidated 4000 class engines, 20 miles per hour on curves and 25 miles per hour elsewhere.

Other trains with other than 4000 and 4200 class engines, 28 miles per hour on curves of six degrees or over.

All Other Parts of the Division.

4. Trains must not exceed 30 miles per hour on ten degree curves.

5. Mallet Mogul engines 4200 to 4211, inclusive, consolidated engines, also Mikado engines, must not exceed speed limit of 40 miles per hour on any portion of division.

6. Engines 2900 to 2913, inclusive, 12 miles per hour Folsom and Shingle Springs.

7. Eastward trains must not exceed a speed of 10 miles per hour between west switch and yard office at Sparks.

8. All trains reduce speed to 15 miles per hour over bridges, First and Fourth Crossing, Truckee River on eastward track, and over Long Ravine bridge east of Colfax on westward track and 20 miles per hour on eastward track.

9. Trains and yard engines not exceed 6 miles per hour over crossing just east of Sacramento River Bridge.

10. Trains must not exceed speed of 25 miles per hour over Feather River Bridge east of Binney Junction. This includes approaches as well as trestle on the curve just east of Feather River.

11. Reduce speed to 12 miles per hour over long trestle east of Knights Landing.

12. Engines backing up will not exceed a speed of twenty miles per hour. This does not include Mallet engines.

13. Motor cars backing up must not at any time exceed the speed of 20 miles an hour, and not exceed 10 miles an hour when backing up through yard limits and over highway crossings.

14. Trains must not exceed 30 miles an hour from Mile Post 166 to Mile Post 175, between Biggs and Durham.

15. Trains must not exceed 20 miles per hour over old C. L. Crossing at Colusa Jct.

16. On portions of the division not covered by special rules, freight trains must not exceed a speed of 35 miles per hour.

17.

	Passenger Trains with Passenger Engines	Freight	
Willows and Fruto	20	15	Miles per Hour
Folsom-Placerville	25	15	
Woodland and Marysville	30	20	
Truckee and Lawton	40	25	
Truckee and Loomis	35	20	
Walnut Grove and Hamilton Branches	35	25	
Orland (between outside switches)	20	12	
Corning (between outside switches)	15	12	

18. Speed of trains regulated by ordinance through city limits: Wheatland, Gridley, Lincoln, Rocklin, Sacramento, Willows, 15 miles per hour.

YARD LIMITS.

SACRAMENTO.—Extend from 1,000 feet east of Benali to a point 4,000 feet west of Sacramento River Bridge, to a point 1,000 feet west of west switch at Brighton on Stockton Line via Elvas, to a point 1,000 feet east of east switch at Brighton on Placerville line via Homestead, to a point 18,673 feet east of Junction switch, R Street, on Walnut Grove Line.

FOLSOM.—Extend to a point 1,000 feet west of west switch at Natoma to switch connecting to track to State Prison at Folsom and 1,000 feet east of Nagle Spur on Placerville Line.

WOODLAND.—Extend to a point 1,000 feet west of Mill Spur to a point 1,000 feet north of switch at Junction to Oroville and Willows Line.

ORLAND.—Extend to a point 1,000 feet west of the switch at Alfalfa Spur, through Wyo and to a point 1,000 feet east of east switch at Wyo, and to a point 1,000 feet east of east switch on Hamilton Branch.

WILLOWS.—Extend to a point 1,054 feet west of the west switch corral track to a point 1,000 feet east of the east switch to a point 1,000 feet east of the east switch of wye on Fruto Branch.

CHICO.—Extend from a point 1,000 feet west of the west switch at Barber to a point 3,000 feet east of the east switch at Chico.

MARYSVILLE.—Extend to 1,000 feet west Rupert Spur to a point 1,000 feet east of Western Pacific crossing at Binney Junction, to a point 1,000 feet east of Binney Junction on Oroville Branch, to a point 1,000 feet west of west switch of Cannery Track at Yuba City. This includes E and A Street cut-off.

ROSEVILLE.—Extend to a point 3,000 feet west of west switch to a point 1,000 feet north of Andora switch on Red Bluff Line, to a point 1,000 feet east of east switch at Rocklin, on track 4 and to a point 1,000 feet east of cross-over on tracks 1 and 2.

COLFAX.—Extend to a point 2,000 feet west of west switch and to a point 2,000 feet east of east switch.

TRUCKEE.—Extend to a point 3,000 feet west of station and to a point 7,500 feet east of station.

RENO.—Extend from a point one and one-half miles west of Reno to Sparks Yard

RED BLUFF.—(Shasta Div.) Extends 1,000 feet west of west Switch at Rawson.

LIST OF SURGEONS.

NAME	LOCATION	DISTRICT
Dr. F. K. Ainsworth, Chief Surgeon	San Francisco	
Dr. G. A. White, Consulting Surgeon	Sacramento	Special Service.
Dr. A. M. Henderson, Division Surgeon	Sacramento	Sacramento Division.
Dr. G. L. Stevenson, District Surgeon	Sacramento	Between Sacramento, Roseville and Fair Oaks Junction.
Dr. W. E. Briggs, Oculist and Aurist	Sacramento	
Dr. B. Woodbridge, District Surgeon	Roseville	Between Antelope, Whitney and Rocklin.
Dr. J. S. Wheeler, Asst. District Surgeon	Roseville	Between Antelope and Rocklin.
Dr. H. D. Fletcher, District Surgeon	Rocklin	Between Roseville and Loomis.
Dr. O. L. Barton, District Surgeon	Loomis	Between Rocklin and Penryn.
Dr. R. E. Allen, District Surgeon	Newcastle	Between Penryn and Auburn.
Dr. B. F. Howard, Emergency Surgeon	Alta	
Dr. G. H. Fay, District Surgeon	Auburn	Between Newcastle and N. E. Mills.
Dr. Henry T. Rooney, District Surgeon	Colfax	Between N. E. Mills and Gold Run.
Dr. L. B. Barnes, District Surgeon	Dutch Flat	Between Gold Run and Cisco.
Dr. J. H. Bernard, District Surgeon	Truckee	Between Cisco and Boca.
Dr. Wm. F. Jordan, District Surgeon	Floriston	Between Boca and Calvada.
Dr. W. S. Wilcox, District Surgeon	Verdi	Between Floriston and Reno.
Dr. W. H. Hood, District Surgeon	Reno	Between Floriston and Sparks.
Dr. S. K. Morrison, Asst. District Surgeon	Reno	
Dr. H. A. Brown, Oculist	Reno	
Dr. O. C. Hyde, District Surgeon	Lincoln	Between Whitney and Sheridan.
Dr. A. D. Ellsworth, District Surgeon	Wheatland	Between Sheridan and Ostrom.
Dr. David Powell, District Surgeon	Marysville	Between Ostrom, Live Oak, Honcut and Chandler.
Dr. I. V. Higgins, Emergency Surgeon	Live Oak	
Dr. L. L. Thompson, District Surgeon	Gridley	Between Live Oak and Nelson.
Dr. O. C. Hawkins, Emergency Surgeon	Biggs	
Dr. M. M. Cook, Emergency Surgeon	Durham	
Dr. O. Stansbury, District Surgeon	Chico	Between Nelson and Vina.
Dr. Mary Poket, District Surgeon	Los Molinos	Between Proberta, Vina and Richfield.
Dr. Walker Gavey, District Surgeon	Red Bluff	Between Proberta and Red Bluff.
Dr. W. E. Bates, District Surgeon	Davis	Between Davis and Merritt.
Dr. H. D. Lawhead, District Surgeon	Woodland	Between Merritt, Chandler and Dunnigan.
Dr. E. K. Ward, Emergency Surgeon	Arbuckle	
Dr. A. W. Kimball, Emergency Surgeon	Williams	
Dr. C. O. Poage, Emergency Surgeon	Colusa	
Dr. G. W. Desrosier, Emergency Surgeon	Maxwell	
Dr. C. W. Lund, District Surgeon	Willows	Between Colusa Junction, Germantown and Fruto.
Dr. S. Iglick, District Surgeon	Orland	Between Germantown and Kirkwood.
Dr. M. P. Stansburg, Emergency Surgeon	Hamilton	
Dr. W. F. Maggard, District Surgeon	Corning	Between Kirkwood and Richfield.
Dr. T. W. Horton, Emergency Surgeon	Honcut	
Dr. T. B. Reardan, District Surgeon	Oroville	Between Honcut and Oroville.
Dr. T. E. Farmer, District Surgeon	Folsom	Between Fair Oaks and Latrobe.
Dr. W. A. Reckers, District Surgeon	Placerville	Between Latrobe and Placerville.

NOTE.—Emergency Surgeons should only be summoned for temporary treatment when prompt attention is required and when patients cannot be sent to or await arrival of Division or District Surgeon. Emergency Hospitals located at Truckee, Sparks and Sacramento.

SPECIAL RULES—Continued.

LOCATION OF OVERHEAD STRUCTURES.

Mile Post	East of	Description
132.6	Clipper Gap	Tunnel 0
165.5	Forebay	Tunnel 1
172.5	Emigrant Gap	Tunnel 2
180.7	Cisco	Tunnel 3
181.	Cisco	Tunnel 4
193.7	Summit	Tunnel 6
194.1	Summit	Tunnel 7
194.3	Summit	Tunnel 8
194.9	Summit	Tunnel 9
195.1	Summit	Tunnel 10
195.4	Summit	Tunnel 11
195.7	Summit	Tunnel 12
200.1	Eder	Tunnel 13
114.2	Rocklin	Tunnel 15
114.7	Rocklin	Tunnel 16
117.3	Lincoln Ave., Penryn.	Tunnel 17
120.5	Lincoln Ave., Penryn.	Tunnel 18
122.7	Newcastle	Tunnel 19
123.2	Newcastle	Tunnel 20
124.7	Auburn	Tunnel 21
131.2	Auburn	Tunnel 22
132.7	Clipper Gap	Tunnel 23
132.9	Clipper Gap	Tunnel 24
131.1	Clipper Gap	Tunnel 25

Mile Post	East of	Description
133.3	Clipper Gap	Tunnel 26
133.8	Clipper Gap	Tunnel 27
134.8	Applegate	Tunnel 28
136.	Applegate	Tunnel 29
138.7	New England Mills	Tunnel 30
139.2	New England Mills	Tunnel 31
139.5	New England Mills	Tunnel 32
145.3	Wirt	Tunnel 33
145.7	Wirt	Tunnel 34
139.2	Shingle Springs	Shingle Springs Tunnel, Placerville Branch.

SNOW SHEDS

Mile Post	East of	Description
166.8 to 206.2	Blue Canon Champion	Snow Sheds.

AVERAGE WEIGHT OF PASSENGER TRAIN CARS

KIND OF CAR	AVERAGE WTS.—POUNDS		
	Wood	Steel	Steel Underframe
Baggage	78,000	88,000	....
Baggage (Dynamo)	....	106,000	....
Baggage and Mail	76,000	121,900–69ft. 90,600–60ft.	93,000
Baggage and Passenger	54,000	....	....
Buffet	114,000	....	121,000
Buffet (Dynamo)	....	146,000	....
Business	107,000	178,000	135,000
Chair	87,000	98,000	....
Coaches	80,000	92,000	....
Dining	126,000	146,000	131,000
Horse Express	81,000	....	....
Observation	122,000	....	....
Postal	....	110,000–60ft. 77,000–40ft.	....
Pullman Observation	124,500	150,000	127,000
Pullman Parlor	116,000		
Pullman Std. Sleepers	125,000	150,000	140,000
Pullman Tourist Sleepers	94,000	....	110,000
Tea and Silk	48,000	....	....

INTERLOCKING PLANTS.

In setting out or picking up cars or doing any necessary switching in limits of interlocking plants, cars must not be cut from forward portion of train until they have been brought to a stop.

SACRAMENTO RIVER BRIDGE.—The home signal at the west end of bridge governing movement of eastward trains will stand normal position at stop and will be cleared on approach of eastward trains when circuit is clear. The home signal on the east end of bridge will stand normal position proceed. This interlocking plant is for protection of drawbridge and not for railroad crossing which is located at the east end of bridge.

BRIGHTON.—Railroad crossing Brighton is protected with hand derails, electrically locked with Stockton to Elvas main track. Derails on Branch Line located 100 feet each side of main track crossing will be handled by operators. These derails are protected by automatic signals.

Switch located 150 feet east of railroad crossing at Brighton on Placerville Branch will be lined for movement via Elvas.

The lower arm on the two-arm automatic and interlocking signal governs the movement for R Street, and will clear when derails are thrown for R Street movement.

The upper arm governs the movement via Elvas.

The Placerville Branch crossing is protected on main track by signals 1328 and 1333, the upper arms being interlocking signals. Interlocking rules apply.

Trains using R Street Folsom line, wishing to use this crossing, will sound one long and one short blast of whistle.

ELVAS.—The home signals at the approaches do not in all cases govern through entire interlocking limits, as each home signal in the proceed position only entitles train to move to the next home signal, which may be reached before passing out of interlocking limits. Dwarf signals or short blades on three-arm signals are provided for each route not governed by a home signal and govern only to the next home or dwarf signal in advance.

Trains from Sacramento to Brighton will be governed by lower and trains from Sacramento to Roseville by upper signal. From Roseville to Sacramento by upper, and from Roseville to Brighton by lower signal. From Brighton to Sacramento by upper, and from Brighton to Roseville by lower signal.

Last paragraph Rule 630 is amended permitting towerman at Elvas to give signals from tower instead of ground.

All signals, switches and derails operated from tower. Whistle signal governing different routes as follows:

To Roseville, one long and one short, ——— o.
To Sacramento, two long and one short, ——— ——— o.
To Brighton, two long and three short, ——— ——— o o o.
To siding, three short and two long, o o o ——— ———.
To third track, one long, one short, one long, ——— o ———.
To spur, one short, one long, o ———.

NINETEENTH STREET, SACRAMENTO.—At crossing of R Street track with Western Pacific, all derails on approaches to the crossing and switches leading to transfer track and to industry track are operated from the tower. The top arm of the signals located on hundred (100) feet from the main track derails govern the use of main track.

The lower arm of the high signals governs the use of the transfer and industry tracks.

Trains wishing to use industry or transfer tracks will sound one long, one short and one long (——— o ———) blasts of the whistle.

HOMESTEAD.—At crossing of "R" Street line with Northern Electric Railroad. Derails and approaches to the crossing and switches leading to stock corral spur and east end of Pacific Gas & Electric Company siding, are operated from the tower.

Upper arm of the high signals located one hundred (100) feet from main track derails governs the main track.

Lower arms of high signals govern entrance to industry tracks.

Trains wishing to use either industry track will sound one long, one short and one long (——— o ———) blasts of whistle.

NINTH STREET TOWER, MARYSVILLE.—Crossing Western Pacific and Woodland-Oroville Branch. Eastward and westward trains will be governed by respective signals, located 450 feet from crossing.

BINNEY JUNCTION TOWER.—Junction with Oroville Branch and crossing Western Pacific Ry. Whistle signals governing routes:

To Roseville or Red Bluff, one long, one short, ——— o.
To and from Oroville Branch, two long, one short, ——— ——— o.
West leg of wye, either direction, two long, three short, ——— ——— o o o.
East leg of wye, either direction, one long, one short, one long ——— o ———.
To Oil Spur, one short, two long, o ——— ———.
From siding to Oroville Branch, three long, one short, ——— ——— ——— o.
From siding to or from Red Bluff, one short, one long, o ———.
From siding to west leg of wye, three short, two long, o o o ——— ———.

LIVE OAK TOWER.—Crossing with Northern Electric Company, located one-half mile east of Live Oak. Eastward and westward trains will be governed by respective signals, located 450 feet from crossing. Eastward trains, when standing on main track to meet opposing trains at Live Oak, will stop west of east house track switch to avoid holding tower signal against opposing trains.

MISCELLANEOUS.

Rule No. 1—Tracks between Sacramento and Blue Canon numbered as follows:

Track No. 1, Westward main track via Auburn.

Track No. 2, Eastward main track via Nevada Street, Auburn.

Track No. 4, between Rocklin and Loomis; diverges from track No. 2 at Rocklin and runs on south side of track No. 1, one-half mile east of Rocklin, to Loomis, connecting with No. 1 track at Loomis.

Unless otherwise instructed eastward freight trains will move Newcastle to Colfax regardless of Nos. 210, 24 and 34.

2. On double track, extras may run with current of traffic between any stations without running orders, but must obtain clearance (Form 2613) when leaving initial station.

All trains between Elvas and Sacramento and between Elvas and Brighton, second class trains between Sacramento and Roseville, and eastward trains via Elvas from Stockton Division will move irrespective of time-table superiority when moving with current of traffic.

3. Between Colfax and Blue Canon trains will move with current of traffic irrespective of superiority, but must obtain clearance at Blue Canon and Colfax.

Normal position main track switch at Truckee will be set for eastward trains.

4. Trains and yard engines after coming to a stop for crossing with Sacramento-Woodland Railroad at Front and M Streets, Sacramento, will proceed only on signal from flagman, and not pass the switchtender's station at Fourth, Sixth, Fifteenth streets and east end Sacramento River Bridge without receiving a signal to proceed.

Southern Pacific trains will approach Western Pacific crossing at Front and R Streets under control, expecting to find crossing occupied.

Southern Pacific yard engines will stop at this crossing and ascertain that it is clear before proceeding. Both Southern Pacific and Western Pacific trains and yard engines must ascertain that all switch and industry track crossings in the vicinity of Front and R streets are clear before using.

5. Trains will stop within two hundred (200) feet of Northern Electric crossing at Yuba City and Sacramento, Front and R; at Sacramento-Woodland Railroad crossing at Woodland; at Knights Landing and Tehama drawbridges before crossing.

6. The tonnage of any train between Summit and Loomis must not exceed 100 M's per operative brake and between Summit and Truckee 110 M's per operative brake. See Rule 58 of Rules and Regulations governing air brakes.

7. Trains taking siding for other trains at the following named stations will use the siding indicated:

At Colfax westward trains will use siding number one (1) north of westward main track. Eastward trains will use siding number three (3) south of eastward main track.

8. Helper engines coupled in middle or rear of train must be cut off from the forward portion of train before taking water.

Between Sacramento and Red Bluff engines must be cut off of all freight trains of twenty cars or more before taking water.

9. At meeting point, if the train which is to hold the main track arrives first, brakeman of this train will open the switch for the opposing train to take siding. This will necessitate trains approaching meeting points under control so as not to enter siding at a too high rate of speed.

10. Markers must be kept burning between Blue Canon and Truckee and on No. 2 track between Rocklin and Colfax at all hours. Trainmen in this district must turn markers in daylight as well as at night, as per Rule 19, Book of Rules.

11. Train must not stand on drawbridges at Knights Landing and Sacramento.

12. When trains are about to take siding, the forward brakeman, after opening and securing the switch, will remain with or ahead of the engine to render what service may be necessary, and the rear brakeman will close the switch. When there is not a clear view, the forward brakeman (or the fireman, in case of a light engine) must go ahead of the engine and see that switches and derailers are properly set, and protect against trains or cars that may be on the siding.

13. Between Emigrant Gap and Andover the snowshed posts on each side of the track are numbered for a distance on either side of sidings showing number of car lengths from the switch. This is a guide to the engineer in locating switch in pulling out of siding.

14. Enginemen must not dump carbide from gas generator within snowshed district.

15. Employes are not allowed to ride on pilot of engines except yard and Mallet engines.

16. When one torpedo is exploded train will come to a stop as per Rule 15, If no person is on hand to explain the placing of torpedo, train may proceed as hereinafter provided:

(a) If view is obscured in any manner, flagman must be sent ahead for a distance of at least one-half mile.

(b) If track is seen to be clear or within automatic block limits, if signal indicates "Proceed," train may proceed, but will run under control for a distance of one-half mile, before resuming full speed.

17. On double track lines, when a train finds a fusee burning red, train must be brought to a stop and may then proceed cautiously, not exceeding six (6) miles per hour, to the obstruction, or until clear signal is reached, or until track is known to be clear.

18. Trains from Knights Landing branch at Woodland will use siding to depot or comply with Rule 83 before entering main track. Switches this siding set to lead from Oroville branch.

19. Long siding Harrington will be used as follows: West end west of cross-over as westward siding; east end east of cross-over, eastward siding. Junction switch of Colusa & Hamilton Railroad connects about midway with eastward siding.

20. When trains have outfit cars moving over the mountain, helper engine will go through to Lake View and cut out, instead of cutting out at Summit, in order to avoid shoving against outfit cars at Summit.

RATING OF LOCOMOTIVES—SACRAMENTO DIVISION—In M's of 1000 back of tender.

Corrected to September 5, 1915.

CLASS	ENGINE NUMBER	Boiler Pressure	Sacramento and Red Bluff via Roseville	Roseville to Colfax	Colfax to Sparks Roseville to Colfax	Sparks to Truckee	Truckee to Summit	Davis and Red Bluff and Davis and Marysville	Placerville to Folsom	Folsom to Placerville	Folsom to Sacramento	Sacramento to Folsom
			EAST and WEST	Via Eastward Track	Via Westward Track			EAST and WEST				
E—69 18/24 65	1382, 1384, 1387 1388 1391 1392, 1394, 1398 and 1399	160	2305					2000	675	390	2285	1465
E—69 18/26 73	1459 to 1463	165	2620					2140				
M—63 20/26 126	1615 to 1719	190	4310					3415				
M—63 20/28 147	1804 to 1818	200	4475					3520				
M—63 21/28 155	1720, 1724, 1770 to 1779	200	5020					3960				
M—63 21/28 144	1725, 1726, 1729, 1742, 1762, 1799 to 1801 and 1803	195	4890					3960				
M—63 21/28 147	1819 to 1822	200	5020					3960				
M—63 15½/28 144	1797, 1802	200	4790					3745				
T—57 18/24 86	2114 to 2153	160	2805					2245	815	500	2555	1640
T—57 18/24 83	2154 to 2173	160										
T—57 18/24 87	2174 to 2183	160										
T—57 18/24 88	2184 to 2186	160										
T—57 18/24 94	2001	160										
T—63 18/24 78	2187, 2190	145	2750					2130	795	505	2385	1520
T—63 20/26 112	2235 to 2273	180	3860	1030	555	1575	675	3080	1135	710	3505	2260
T—63 22/28 160	2311 to 2342	200	5490	1490	815	2215	950	4340				
C—51 19/30 96	2511 to 2599	200	5980	1660	920	2420	1070	4675				
C—57 22/30 187	2752 to 2830	200										
C—57 22/30 187	2513 to 2599 and 2752 to 2830	200		1660	920	2420	1070	4675				
C—57 22/30 184	2694 to 2751	200										
C—57 22/30 180	2624 to 2679	200		1660	920	2420	1070	4675				
C—57 22/30 178	2680 to 2693	200										
TW—55 22/26 147	2900 to 2913	180	5150					4105	1550	1010	4520	2765
TW—57 20/30 120	2925, 2928, 2930 and 2931	160	3840					3060	1140	740	3020	1990
TW—57 20/30 114	2926	160										
TW—57 20/30 122	2927, 2929	160										
TW—51 20-29/26 120	2932, 2940 and 2943	180	3360					2625	980	640	2610	1570
TW—51 20-36/26 118	2948, 2950 to 2952	170	3155					2560	945	610	2540	1525
TW—51 20/26 118	2946, 2947, 2949, 2953	170	4080					3195	1240	830	3150	2075
TW—51 20/26 120	2933, 2934, 2936 to 2939, 2941, 2942, 2944	170										
MC—57 26-40/30 394	4000 to 4016	200		3815	2170	5460	2500					
MC—57 26-40/30 398	4017 to 4028	200										
MC—57 26-40/30 401^{s}	4029 to 4043	200										
MC—57 26-40/30 395^{s}	4044 to 4048	200										
MM—63 25-38/23 320	4200 to 4211	200		3185	1795	4660	2070					
MK—63 26/28 210	3236 to 3249	200		2110	1165	3110	1355					
Allowance for Empty and Underloaded Cars	Less than 40 M's		6	6	3	3	3	6	3	3	6	6
	40 to 50 M's		3	3	0	0	0	3	0	0	3	3
	More than 50 M's		0	0	0	0	0	0	0	0	0	0

TRAINMASTERS.

A. E. BROWN ..... Woodland to Oroville; Roseville to Red Bluff; Davis to Tehama; Fruto and Hamilton Branches .... SACRAMENTO, CAL.

C. R. PETRIE ....Colfax to Sparks ....TRUCKEE, CAL.

F. J. BERRY Colfax to Sacramento, inclusive; Placerville and Walnut Grove Branches. ROSEVILLE, CAL.

A. B. ALLEN..........Assistant Train Master........SACRAMENTO, CAL.

W. S. LAW.....................CHIEF TRAIN DISPATCHER
O. T. STACKPOOLE....ASST. CHIEF TRAIN DISPATCHER
L. GEIGER.........EXAMINER AND TRAIN DISPATCHER

TRAIN DISPATCHERS
D. A. NEELLEY
C. N. JONES
M. A. WALLACE
F. E. JONES
B. D. MULLINS
H. N. BARKER
SACRAMENTO, CAL.

MILEAGE.

MAIN LINES.

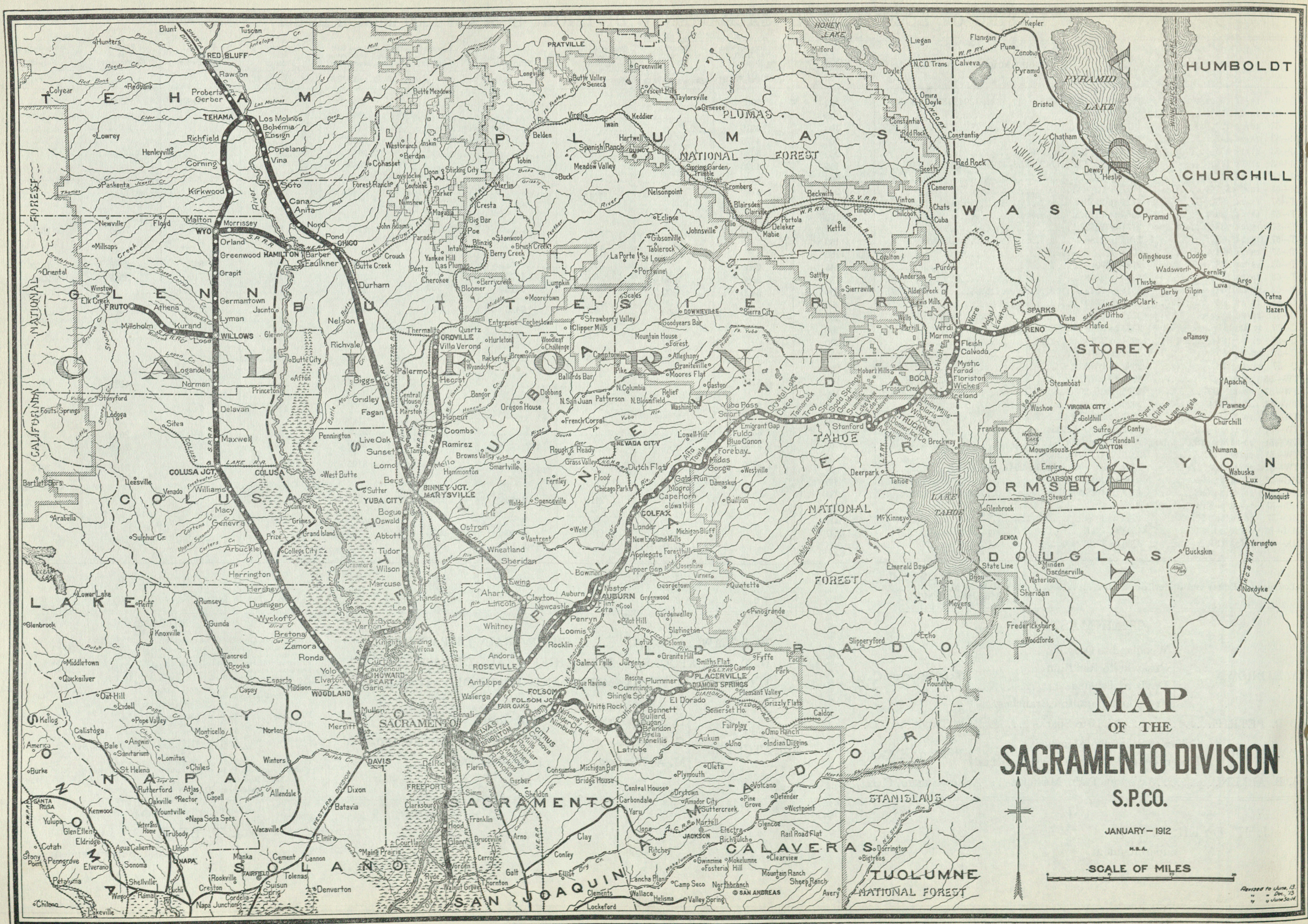
End Western Division to Sacramento	S. P. R. R.	.29	
Sacramento to Sparks	C. P. Ry	155.83	
Brighton to Sacramento	C. P. Ry	6.95	
Brighton to Elvas	C. P. Ry	3.58	
Davis to Tehama	S. P. R. R.	110.40	
Woodland to Marysville	S. P. R. R.	37.05	
Roseville to Red Bluff	C. P. Ry	116.02	
Total Main Line			430.12

BRANCHES.

Fair Oaks	S. P. R. R.	Citrus to Fair Oaks	2.14	
Fruto	S. P. R. R.	Willows to Fruto	16.84	
Hamilton	S. P. R. R.	Wyo to Hamilton	11.21	
Howard	S. P. R. R.	Peart to Howard	1.88	
Oroville	S. P. R. R.	Marysville (Binney Jct.) to Oroville	25.26	
Placerville	S. P. R. R.	Sacramento to Placerville	61.26	
Walnut Grove	S. P. R. R.	Sacramento to Walnut Grove	24.30	
Total Branches				142.89
Total Sacramento Division				573.01

J. H. DYER,
Superintendent.

J. T. BELL,
Asst. Superintendent


CALIFORNIA
NEVADA
TEHAMA
PLUMAS
GLENN
BUTTE
SIERRA
COLUSA
SUTTER
YUBA
NEVADA
PLACER
LAKE
YOLO
EL DORADO
AMADOR
NAPA
SONOMA
SOLANO
SACRAMENTO
SAN JOAQUIN
CALAVERAS
TUOLUMNE
STANISLAUS
HUMBOLDT
CHURCHILL
WASHOE
STOREY
LYON
ORMSBY
DOUGLAS
TAHOE
PLUMAS NATIONAL FOREST
TAHOE NATIONAL FOREST
ELDORADO NATIONAL FOREST
TUOLUMNE NATIONAL FOREST
CALIFORNIA NATIONAL FOREST
PYRAMID LAKE
HONEY LAKE
LAKE TAHOE
WINNEMUCCA LAKE
SHASTA DIVISION
SALT LAKE DIV.
WESTERN DIVISION
RED BLUFF
TEHAMA
CHICO
HAMILTON
WILLOWS
COLUSA JCT.
COLUSA
OROVILLE
MARYSVILLE
YUBA CITY
BINNEY JCT.
NEVADA CITY
COLFAX
AUBURN
ROSEVILLE
FOLSOM
PLACERVILLE
DIAMOND SPRINGS
SACRAMENTO
WOODLAND
DAVIS
FREEPORT
JACKSON
SAN ANDREAS
NAPA
FAIRFIELD
SANTA ROSA
TRUCKEE
BOCA
DOWNIEVILLE
PRATVILLE
QUINCY
RENO
SPARKS
VIRGINIA CITY
CARSON CITY
DAYTON
GENOA
0
10
20
30

MAP
OF THE
SACRAMENTO DIVISION
S.P.CO.

JANUARY – 1912

M.S.A.

SCALE OF MILES

Revised to June, 13.
" " Dec., '13
" " June 30-14.